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[File 344] **Chinese Patents Abs** Jan 1985-2006/Jan  
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[File 347] **JAPIO** Dec 1976-2006/Jul(Updated 061116)  
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[File 350] **Derwent WPIX** 1963-2006/UD=200674  
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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit  
<http://www.dialog.com/dwpi/>.*

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Set	Items	Description
S1	25555	S ((UPC OR (UNIVERSAL OR UNIFORM)())PRODUCT()CODE? ? OR PRODUCT? ?()CODE? ? OR UNIFORM()CODE? ?) OR (BARCODE? ? OR BAR()CODE? ?) OR IPC OR SKU) (7N) (SCAN? OR READ?)
S2	2020661	S POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING?? OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD?? OR POCKETPC OR POCKET()PC OR HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE?? OR PERSONAL??)()DIGITAL()ASSISTANT? ? OR PORTABLE()COMPUT???()DEVICE? ? OR CELLPHONE?? OR CELL()PHONE?? OR CELLULAR?? OR PHONE?? OR MOBILE?? OR WIRELESS OR TELEPHONE??
S3	113418	S (VOICE OR SPEECH OR SOUND) (3N) (PRINT? OR PATTERN? OR SIGNATURE? OR CHARACTERISTIC? OR RECOGNITION? ?) OR BIOMETRIC OR BIO()METRIC? ?

S4 30650 S (BAND OR CODE? ?) (7N) (CONFIRM? OR VERIF? OR AUTHORIZ? OR AUTHORIS? OR  
AUTHENTICAT? OR APPROV? OR VALID?)  
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S6 9808 S AU=(MAMDANI, M? OR MAMDANI M? OR GRANT, C? OR GRANT C? OR JOHNSON, P? OR  
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S7 2 S S6 AND S1  
S8 3879 S S1 AND S2  
S9 81 S S8 AND S3  
S10 4 S S9 AND S4  
S11 34 S S9 AND S5

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7/3,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0012395512 *Drawing available*

WPI Acc no: 2002-339195/200237

Related WPI Acc No: 2002-155055; 2002-339190; 2003-240036

XRPX Acc No: N2002-266763

**Electronic commerce transaction facilitating system for communicating transaction requests from wireless communication devices to transaction apparatus together with spoken authentication code**

Patent Assignee: AERITAS INC (AERI-N); GTECH GLOBAL SERVICES CORP LTD (GTEC-N); PROPEL TECHNOLOGY TEAM LLC (PROP-N)

Inventor: **BOMAR K; GRANT C; JOHNSON P; MAMDANI M; WHATLEY T**

Patent Family ( 14 patents, 95 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002007117	A2	20020124	WO 2001US22048	A	20010712	200237	B
AU 200177876	A	20020130	AU 200177876	A	20010712	200241	E
NO 200300166	A	20030313	WO 2001US22048	A	20010712	200331	E
			NO 2003166	A	20030113		
EP 1308002	A2	20030507	EP 2001955821	A	20010712	200332	E
			WO 2001US22048	A	20010712		
BR 200112480	A	20031007	BR 200112480	A	20010712	200373	E
			WO 2001US22048	A	20010712		
CZ 200300434	A3	20031217	WO 2001US22048	A	20010712	200404	E
			CZ 2003434	A	20010712		
CN 1455999	A	20031112	CN 2001815536	A	20010712	200412	E
HU 200303079	A1	20031229	WO 2001US22048	A	20010712	200413	E
			HU 20033079	A	20010712		
JP 2004507912	W	20040311	WO 2001US22048	A	20010712	200419	E
			JP 2002512943	A	20010712		
KR 2003086570	A	20031110	KR 2003700468	A	20030113	200420	E
NZ 524125	A	20041029	NZ 524125	A	20010712	200474	E
			WO 2001US22048	A	20010712		
IN 200300155	P1	20050603	WO 2001US22048	A	20010712	200629	E
			IN 2003DN155	A	20030213		
RU 2279135	C2	20060627	WO 2001US22048	A	20010712	200643	E
			RU 2003104528	A	20010712		
CN 1227866	C	20051116	CN 2001815536	A	20010712	200652	E

Priority Applications (no., kind, date): US 2000217997 P 20000713; US 2000690213 A 20001017

10/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

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05854201 **\*\*Image available\*\***

**CARE SUPPORT SYSTEM HAVING VOICE RESPONSIVE FUNCTION**

**Pub. No.:** 10-137301 [JP 10137301 A ]

**Published:** May 26, 1998 (19980526)

**Inventor:** KOMAI TOSHIYUKI

**Applicant:** NEOLEX KK [000000] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 08-302816 [JP 96302816]

**Filed:** November 14, 1996 (19961114)

**JAPIO Keyword:** ...**Speech Recognition & Synthesis**); R131 (INFORMATION PROCESSING

**ABSTRACT**

...a patient operates a call switch 208 inputs a prescribed code by means of a **bar-code reader** 250, it is transferred to the host device H through a private **telephone** line 300. The host device H reads the voice data corresponding to the call from... ..of the terminal device R. When a demand is inputted by a patient through the **bar-code reader** 250, the host device H returns a **confirmation** message corresponding to the **code** to the terminal device R, and also records the information on the contents of the ...

10/3,K/2 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0013899206 *Drawing available*

WPI Acc no: 2004-078587/

**System for providing sound or voice coupon**

Patent Assignee: BIZMODELINE CO LTD (BIZM-N)

Inventor: HONG J C; KIM J H; KWON B G

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2003073984	A	20030919	KR 200213803	A	20020314	200408	B

Priority Applications (no., kind, date): KR 200213803 A 20020314

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2003073984	A	KO	1	10	

**Alerting Abstract** ...or voice coupon is provided to conveniently offer the coupon with high security without a **barcode reader** or an IC card including **authentication code** information by providing a **wireless** sound coupon and processing a **wireless** sound **authentication code** of the coupon, using a sound system mounted on a **wireless** terminal.

DESCRIPTION - If a **wireless** terminal connects to a **wireless** sound coupon provider through a **wireless** Internet (200), the **wireless** sound coupon provider extracts a **telephone** number of the corresponding **wireless** terminal from network information of the **wireless** terminal (205). A sound coupon distributing unit processes the extracted **telephone** number into a format capable of being inserted into a sound coupon (210). The sound coupon distributing unit provides an interface to the **wireless** terminal so that the **wireless** terminal selects the sound coupon (215). If the **wireless** terminal requests the download of the sound coupon to the **wireless** sound coupon provider through the interface provided from the sound coupon distributing unit (220), the sound coupon distributing unit extracts the sound coupon requested by the **wireless** terminal from a sound coupon D/B (225). The sound coupon distributing unit inserts a watermarking or **sound pattern** processed from the **telephone** number of the **wireless** terminal into the extracted sound coupon (230). If the **wireless** sound coupon requested by the **wireless** terminal is generated to be capable of being recognized through a sound coupon recognizing agent of a **wireless** sound coupon recognizer (235), the **wireless** sound coupon provider transmits the sound coupon to the **wireless** terminal (240).

10/3,K/3 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0012436376 *Drawing available*

WPI Acc no: 2002-381598/200241

Related WPI Acc No: 1996-130961; 1996-211297; 1998-086247; 2000-363961; 2001-366120; 2002-442921; 2003-786403; 2004-241098; 2004-241288

XRPX Acc No: N2002-298607

**Signaling arrangement for use in wireless LAN, has system manager who processes barcode signal and outputs acknowledgement signal using low power communication protocol**

Patent Assignee: BIUSO A (BIUS-I); BOCCUZZI F (BOCC-I); CONNOLLY S (CONN-I); CORDES E (CORD-I); CURRY D (CURR-I); HAMILTON A R (HAMI-I); POLONIEWICZ P (POLO-I); RYDER M (RYDE-I); SACKETT W (SACK-I); SHELLHAMMER S J (SHEL-I); SYMBOL TECHNOLOGIES INC (SYMB-N); WILD R (WILD-I); WILLINS B A (WILL-I)

Inventor: BIUSO A; BOCCUZZI F; CONNOLLY S; CORDES E; CURRY D; HAMILTON A R; POLONIEWICZ P; RYDER M; SACKETT W; SHELLHAMMER S J; WILD R; WILLINS B A

Patent Family ( 2 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020017567	A1	20020214	US 1997798501	A	19970210	200241	B
			US 1997895888	A	19970717		

**Signaling arrangement for use in wireless LAN, has system manager who processes barcode signal and outputs acknowledgement signal using low power...**

**Original Titles:**

Signaling arrangement for and method of signaling in a **wireless** local area network... ...Signaling arrangement for and method of signaling in a **wireless** local area network

**Alerting Abstract** ...NOVELTY - A **scan** module (1) **scans** the **barcode** (13) and outputs **barcode** signal to a system manager, wirelessly. The manager processes the signal and outputs acknowledgement signal...

...USE - For use in **wireless** LAN used in factories, baggage handling system, production lines for manufacturing computer memory chips... ...DESCRIPTION OF DRAWINGS - The figure shows a perspective view of portable system with **voice recognition** capability...

**Title Terms** .../Index Terms/Additional Words: **WIRELESS**;

**Original Publication Data by Authority**

**Original Abstracts:**

A signaling arrangement and method for use in a **wireless** local area network managed by a system manager include a **reader** for electro-optically reading **bar code** symbols. The system manager **verifies** that a symbol has been successfully read and sends an acknowledgment signal by **wireless**, radio frequency transmission to a remote indicator operative for generating an alert signal noticeable to... ... A signaling arrangement and method for use in a **wireless** local area network managed by a system manager include a **reader** for electro-optically reading **bar code** symbols. The system manager **verifies** that a symbol has been successfully read and sends an acknowledgment signal by **wireless**, radio frequency transmission to a remote indicator operative for generating an alert signal noticeable to...

**Claims:**

We claim:1. A signaling arrangement for use in a **wireless** local area network, comprising:a) a scanner for electro-optically scanning indicia to be read, and for generating an indicia signal indicative of the indicia, the scanner having a **wireless**, radio frequency transmitter;b) a system manager having a radio frequency receiver in **wireless** communication with the transmitter of the scanner for receiving the indicia signal transmitted by the... ... acknowledgment signal indicative that the indicia signal has been processed, the system manager having a **wireless**, radio frequency transmitter; andc) an indicator having a radio frequency receiver in wireless communication with the transmitter of the system manager for receiving the acknowledgment signal, and... ... We claim:1. A signaling arrangement for use in a wireless local area network, comprising:a) a scanner operable by a user for electro-optically... ... be read, and for generating an indicia signal indicative of the indicia, the scanner having a wireless, radio frequency transmitter;b) a system manager having a radio frequency receiver in wireless communication with the transmitter of the scanner for receiving the indicia signal transmitted by... ... been processed, the system manager being separate and physically remote from the scanner and having a wireless, radio frequency transmitter; andc) an indicator being separate and physically remote from the scanner and the system manager and having a radio frequency **receiver** in wireless communication with one of the transmitters for receiving the acknowledgment signal, and the...

10/3,K/4 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0010000387 *Drawing available*

WPI Acc no: 2000-304083/200027

XRFX Acc No: N2000-227216

**Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it onto a central station over exclusive radio channel**

Patent Assignee: DYNAMIC VOICE LLC (DYNA-N); FORD R (FORD-I); GAINES J D (GAIN-I); HOWELL D S (HOWE-I); LATSON D E (LATS-I); NELSON J R (NELS-I) ; PARKS F B (PARK-I); ROSS R W (ROSS-I)

Inventor: FORD R; GAINES J D; HOWELL D S; LATSON D E; NELSON J R; PARKS F B; ROSS R W

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2244046	A	19990129	CA 2244046	A	19980728	200027	B
US 6215992	B1	20010410	US 1997902589	A	19970729	200122	E

Priority Applications (no., kind, date): US 1997902589 A 19970729

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CA 2244046	A	EN	74	74	

**Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it...**

**Alerting Abstract** ...NOVELTY - The **wireless** dictation device (WDD) (2) is used to conduct dictation with a central site (5), via...

...USE - For providing a **mobile** dictation service linked to a centralized core... ...DESCRIPTION OF DRAWINGS - The figure shows a schematic drawing of three **wireless** dictation devices... ...2 **Wireless** dictation devices...

**Title Terms** /Index Terms/Additional Words: **WIRELESS**; ... ...**MOBILE**;

## Original Publication Data by Authority

### Original Abstracts:

The universal dictation input apparatus and method disclosed employs multiple **wireless** dictation devices ("WDD") and base stations each of which include a 900 MHz radio for... ...frequently used dictation commands to a CDS and to provide other specialized features and a **barcode reader**. Specific setup data is downloaded to a base station to

enable it to execute commands... ..vendors and to prepare for receipt of verbal dictation commands. A base station includes a **voice recognition** algorithm to translate verbal commands spoken at a WDD, such as "record" and "play,"into...

**Claims:**

A **wireless** dictation device (WDD) for conducting dictation sessions with a centralized dictation system (CDS) through a... .. the exclusive channel of a base station andnon-volatile memory coupled to the processor **for** storing **codes** representing authorized channel **pairs** of authorized base stations with which the **WDD** is authorized to communicate and **a** character code for each key among the keys of the dialing keypad,said processor transmitting...



,K/1 (Item 1 from file: 583) [Links](#)

Gale Group Globalbase(TM)

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09058967

**Thinking fridge that can save your bacon**

UK: ICL/ELECTROLUX DEVELOP INTELLIGENT FRIDGE

Daily Telegraph ( DT ) 11 Feb 1999 p.11

**Language:** ENGLISH

...manufacturer have constructed three refrigerator prototypes which remember what food is inside and warn its **owners** when items are running out, and are now looking to add **voice recognition** which will allow **owners** to specify the exact quantity of particular food items. The fridge works by using a **barcode scanner** to register food going in and out, and will be connected to via a **phone** line to and Internet to supermarkets to allow them to keep tabs on their **customers'** lifestyles, beyond the data already collected from loyalty cards. However, the fact that the prototype... ..to control its temperature means that in theory, it would be able to poison its **owner**.

11/3,K/2 (Item 1 from file: 144) [Links](#)

Pascal

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17887447 PASCAL No.: 06-0487657

Authenticated, private, and secured smart cards (APS-SC)

Independent component analyses, wavelets, unsupervised smart sensors, and neural networks IV : 17 and 19-21 April 2006, Kissimmee, Florida, USA

SZU Harold; MEHMOOD Amir

SZU Harold H, ed

Digital Media RF Lab, GWU, Washington DC, United States

Society of Photo-optical Instrumentation Engineers, United States

Independent component analyses, wavelets, unsupervised smart sensors, and neural networks. Conference, 4 (USA) 2006

Journal: Proceedings of SPIE, the International Society for Optical Engineering, 2006, 6247

62470L.1-62470L.14

Language: English

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... tag T attached to every readable-writable Smart Card (SC): Passports ID, medical patient ID, **biometric** ID, driver licenses, book ID, library ID, etc. These avalanche phenomena may be due to the 3 SUP r SUP d . Gen **phones** seeking much more versatile & inexpensive interfaces, than the line-of-sight **bar-code** optical **scan**. Despite of the popularity of RFID, the lacking of Authenticity, Privacy and Security (APS) protection...

... an invertible operation, e.g. EXOR, but not limited to it. Then, only the authentic **owner** , knowing all, can inverse the operation, e.g. EXOR\*EXOR= I to find K. However...

...English Descriptors: Radar clutter; Frequency modulation; Military application; Near field; Radio communication; Biometrics; Line of sight propagation; **Bar code**; Private life; **Reader**; XOR circuit; Encryption; Radar; Hybrid model; Phase space; Radiation polarization; Capacitance; Target tracking; Security of...

11/3,K/3 (Item 1 from file: 99) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)

Wilson Appl. Sci & Tech Abs

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2769320 **H.W. Wilson Record Number:** BAST04136781

**Choosing HMI Data Entry Tools**

Katzel, Jeanine ;

Control Engineering v. 51 no6 (June 2004) p. 38-40, 42

ISSN: 0010-8049

**Abstract:** ...are growing faster in popularity than any other HMI entry device. Other methods considered are **bar code scanners**, **handheld wireless devices**, and **voice recognition** systems.

**Descriptors:** User interfaces (Computers... ..**Bar code scanners**

11/3,K/4 (Item 1 from file: 347) [Links](#)

JAPIO

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07510545 **\*\*Image available\*\***

**REFRIGERATOR WITH STOCK CONTROL FUNCTION, STOCK CONTROL SYSTEM FOR REFRIGERATOR, AND PROGRAM AS WELL AS RECORDING MEDIUM FOR CARRYING OUT THE FUNCTIONS**

**Pub. No.:** 2003-004368 [JP 2003004368 A ]

**Published:** January 08, 2003 (20030108)

**Inventor:** NISHINO SACHIYO

**Applicant:** RICOH CO LTD

**Application No.:** 2001-191584 [JP 2001191584]

**Filed:** June 25, 2001 (20010625)

## ABSTRACT

...such as a key board or the like which is used for inputting by a **user**. The refrigerator 10 is provided in the same with a **bar code reader** 13 for **reading** the **bar code** of the stored goods and a microphone 14 for effecting **voice recognition**. The control information of the goods to be stored into the refrigerator 10 from now on is inputted by the **user** through these inputting means. The inputted information can be displayed properly on the display 11... 10 can be read at any time by a terminal device such as a portable **telephone** or the like through a network.

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11/3,K/5 (Item 2 from file: 347) [Links](#)

JAPIO

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05957451 **\*\*Image available\*\***

## INFORMATION PROCESSING SYSTEM AND ITS METHOD

**Pub. No.:** 10-240551 [JP 10240551 A ]

**Published:** September 11, 1998 (19980911)

**Inventor:** TAKAYAMA MASAYUKI

WAKAI MASANORI

JACHANDORAN SURESSHU

SANPEI SHUICHI

FUJII KENICHI

IBARAKI SHOICHI

TAKAHASHI TOSHIMI

SUDA ARUNAROORA

**Applicant:** CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 09-044529 [JP 9744529]

**Filed:** February 28, 1997 (19970228)

**JAPIO Keyword:** ...**Speech Recognition** & Synthesis); R130 (ELECTRIC COMMUNICATIONS... **Pocket Bell** Paging Devices); R138 (APPLIED ELECTRONICS

## ABSTRACT

...To lighten the burden of operation for achieving the purpose of a process on a **user** by equipping a 2nd device with a means which receives an indication from a 1st... **SOLUTION:** After a document is read from a scanner 701, for example, in Austin, the **user** specifies its transmission destination (by using voice, etc.). Or the transmission destination is entered into its cover page with a character string or **bar code**, which is **read**, recognized, and interpreted, thereby automatically determining the transmission destination. After a monochromatic printer A702, for... and can inform the receiver of the document of the arrival of the document by **telephone** 707.

11/3,K/6 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0016043598 *Drawing available*

WPI Acc no: 2006-575229/200659

Related WPI Acc No: 2002-654366; 2003-018048; 2000-087113; 2006-584529

XRPX Acc No: N2006-462569

**Identification and personal data association method for authenticating user during retail transaction, involves identifying whether identity from server is associated with corresponding user prior to retail transaction**

Patent Assignee: E-MICRO CORP (EMIC-N)

Inventor: GANGI F J

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7083087	B1	20060801	US 2000664205	A	20000918	200659	B
			US 200252405	A	20020117		
			US 2005130765	A	20050517		

Priority Applications (no., kind, date): US 2000664205 A 20000918; US 200252405 A 20020117; US 2005130765 A 20050517

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 7083087	B1	EN	13	6	C-I-P of application	US 2000664205
					Continuation of application	US 200252405
					C-I-P of patent	US 6402029
					Continuation of patent	US 6938821

**Identification and personal data association method for authenticating user during retail transaction, involves identifying whether identity from server is associated with corresponding user prior to retail transaction**

**Alerting Abstract** ...is output to the selected provider to verify whether the ID is associated with corresponding user at the retail point of sale (POS) prior to proceeding with retail transaction.

...USE - For authenticating user during retail transaction with point of sale (POS) terminal, medical insurance, event ticketing, money transfer... ..credit card, prepaid card, personal identification card, driver's license, personal computer (PC), laptop computer, **personal digital assistant (PDA)**, check, keypad, touchscreen, **voice recognition** device, radio frequency device, radio frequency identification (RFID) tag and **cell phone**.

**Title Terms** .../Index Terms/Additional Words: **USER**;

**Original Publication Data by Authority**

...

**Original Abstracts:**

a controller for controlling operation of the wallet consolidator, a magnetic stripe reader/writer for **reading** and

writing magnetic stripes, a **bar code scanner** for **scanning bar codes**, a keypad for inputting **user** selections and commands, a memory for storing information provided to the wallet consolidator, a smart... .. a display screen for displaying text and graphics, the display screen further for displaying a **bar code** pattern capable of being **scanned** by a **bar code reader**. To store information in the wallet consolidator, or alternatively in a smart card interfaced to... .. the cards including, but not limited to, signatures and portraits are downloaded and stored. A **user** retrieves the information from any of the stored magnetic stripes and writes the information to... .. sale transaction. Similarly, stored images are retrieved and displayed on a display screen including a **bar code** which can be **scanned** by a **bar code scanner**. >

...

#### Claims:

the selected provider to thereby verify the personal control ID as being associated with a user of the personal control ID at the retail POS prior to proceeding with a retail...

11/3,K/7 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0015708616 *Drawing available*

WPI Acc no: 2006-271954/200628

XRPX Acc No: N2006-232376

**Warehouse management system and portable device e.g. laptop, communication interfacing method, involves generating voice XML data based on visual content, where data includes portion that represents voice information**

Patent Assignee: SAP AG (SAPS-N)

Inventor: GONG L; KAGAN A; LESSMOELLMANN C; RAYIANI S; ROEDIGER K C; ROSENBAUM A; WINKLER M; YAIR B

Patent Family ( 1 patents, 106 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006032302	A1	20060330	WO 2004EP52257	A	20040921	200628	B

Priority Applications (no., kind, date): WO 2004EP52257 A 20040921

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2006032302	A1	EN	28	3	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				

Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
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**Alerting Abstract** ...for interfacing communication between a warehouse management system and a portable device e.g. laptop, **PDA**, **mobile phone**, **barcode scanner**, RFTD tag **reader** device and smart **phone**, in a web-enabled console application... ..the voice XML data based on the visual content of warehouse management system, thus enabling **customers** to recognize voice in high- volume warehouse operations. The method supports multi-modality combination of voice input/output, **barcode scanning**, keypad input as well as display output to provide result with high throughput... ..330 Automatic **speech recognition** component

11/3,K/8 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0015638247 *Drawing available*

WPI Acc no: 2006-202424/200621

XRPX Acc No: N2006-174288

**Multi-channel wireless network client apparatus usage method e.g. for scanner in warehouse, involves exchanging data between client apparatus and wireless network, and continuously maintaining ideal set of concomitant radio connections**

Patent Assignee: PALISCA A G (PALI-I); SYMBOL TECHNOLOGIES INC (SYMB-N)

Inventor: PALISCA A; PALISCA A G

Patent Family ( 2 patents, 109 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060045113	A1	20060302	US 2004930268	A	20040831	200621	B
WO 2006026122	A2	20060309	WO 2005US28804	A	20050811	200621	E

Priority Applications (no., kind, date): US 2004930268 A 20040831

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20060045113	A1	EN	19	10	
WO 2006026122	A2	EN			
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT				

	LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

**Multi-channel wireless network client apparatus usage method e.g. for scanner in warehouse, involves exchanging data between client apparatus and wireless network, and continuously maintaining ideal set of concomitant radio connections**

**Original Titles:**

Method for establishing high-reliability **wireless** connectivity to **mobile** devices using multi channel radios...  
 ...METHOD FOR ESTABLISHING HIGH-RELIABILITY **WIRELESS** CONNECTIVITY TO **MOBILE**  
 DEVICES USING MULTI CHANNEL RADIOS... ...PROCEDE POUR ETABLIR UNE CONNECTIVITE SANS  
 FIL DE GRANDE FIABILITE VERS DES DISPOSITIFS **MOBILES** AU MOYEN DE RADIOS A VOIES  
 MULTIPLES

**Alerting Abstract** ...NOVELTY - A **wireless** local area network (WLAN) is scanned for available channels, and list of available access points... ...with APs selected based on custom method. The data is exchanged between the multi-channel **wireless** network **client** apparatus and WLAN, and an ideal set of concomitant radio connections are maintained continuously.

... **wireless** network; high throughput multi-channel **wireless** network **client** apparatus; and high throughput portable data acquisition **wireless** network **client** apparatus... ... USE - For using multiple-channel **wireless** network **client** apparatus such as **scanner**, **mobile** computer, automatic identification system e.g. **bar code reader**, radio frequency identification (RFID) system such as RFID tag reader, optical character recognition system, **biometric** system such as fingerprint, voice and retina readers, radio frequency (RF) portal, **telephone**, **personal digital assistant (PDA)**, camera, data storage block, used in warehouse and hospital environments... ... ADVANTAGE - Allows to simultaneously connect a single radio unit mounted on the **client** apparatus to several channels without increase in cost and overlapping of the bandwidth, thereby improving the reliability of AP and **client** apparatus... ...  
 DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the multiple-channel **wireless** network **client** apparatus usage process.

**Technology Focus**

INDUSTRIAL STANDARDS - **Wireless** local area network (WLAN) protocols of WLAN **client** apparatus conforms to IEEE 802.11a, 802.11b, 802.11g standards.

**Title Terms** .../Index Terms/Additional Words: **WIRELESS**; ... ...**CLIENT**;

**Original Publication Data by Authority**

**Original Abstracts:**

A method of using a high throughput multi-channel **wireless** network **client** apparatus, comprising running a driver software on an intelligence unit, running a firmware code on... ... radio connections with all chosen access points,

exchanging data between the high throughput multi-channel **wireless network client** apparatus and said network, and maintaining continuously an ideal set of concomitant radio connections... ... A method of using a high throughput multi-channel **wireless network client** apparatus, comprising running a driver software on an intelligence unit, running a firmware code on... ... radio connections with all chosen access points, exchanging data between the high throughput multi-channel **wireless network client** apparatus and said network, and maintaining continuously an ideal set of concomitant radio connections... ... L'invention concerne un procede pour utiliser un appareil pour **clients** de reseau sans fil a voies multiples et a haut rendement, comprenant la mise en... ... avec tous les points d'accès choisis, l'echange de donnees entre l'appareil pour **clients** de reseau sans fil a voies multiples et a haut rendement et ledit reseau, et...

#### Claims:

What is claimed is:1. A method of using a high throughput multi-channel **wireless network client** apparatus, comprising:running a driver software on an intelligence unit;running a firmware code on... ... radio connections with all chosen access points;exchanging data between the high throughput multi-channel **wireless network client** apparatus and said network; andmaintaining continuously an ideal set of concomitant radio connections.

11/3,K/9 (Item 4 from file: 350) [Links](#)

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0015469599 *Drawing available*

WPI Acc no: 2005-807327/200582

Related WPI Acc No: 2006-108150

XRPX Acc No: N2005-669219

**Secure pickup and delivery container for packages in postal station, has interface of integral handheld recipient device to receive transaction information including identity of token for access to container, from control unit**

Patent Assignee: INTEL CORP (ITLC)

Inventor: DISHMAN J E; DOHRMANN S H; NEE P A; SATHYANARAYAN S; YEE D H

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6967575	B1	20051122	US 2000561835	A	20000428	200582	B

Priority Applications (no., kind, date): US 2000561835 A 20000428

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6967575	B1	EN	13	5	



**Secure pickup and delivery container for packages in postal station, has interface of integral handheld recipient device to receive transaction information including identity of token for access to container, from...**

...NOVELTY - An interface selected from **wireless** and wireline group and used for an integral **handheld** recipient device to communicate the access privilege information to control unit. The interface receives transaction...

## Original Publication Data by Authority

...

### Original Abstracts:

of a delivery consummates a point of sale transaction, for example over the Internet or **telephone**. The access element can be a keypad, a **biometric scanner**, a card **reader**, a **bar-code reader**, and/or a **wireless** control element to read a programmable token such as a smart card. Delivery personnel can... .. information, the control unit unlocks the door. Notification can be concurrently made via wireline or **wireless** communications to the intended recipient, who may be situated remote from the secure container. The...

...

### Claims:

the container is authorized;wherein the control unit further comprises an interface over which an **integral hand-held recipient** user device can communicate access privilege information to the control unit and receive transaction information... .. the interface being selected from the group consisting of a wireline connection to which the **recipient** user device can be coupled and a wireless transceiver with which the **recipient** user device can communicate wirelessly; andwherein the transaction information comprises information regarding the identity...

11/3,K/10 (Item 5 from file: 350) [Links](#)

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0015325080 *Drawing available*

WPI Acc no: 2005-675329/200569

Related WPI Acc No: 2005-581871; 2005-581873; 2005-617336

XRPX Acc No: N2005-553958

**Integrated software project deployment method involves deploying project information received from business administrator to remote computing devices selected based on project information**

Patent Assignee: MOBILEFRAME LLC (MOBI-N)

Inventor: OSWALT L L

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050210099	A1	20050922	US 2004544736	P	20040212	200569	B
			US 200556711	A	20050210		

Priority Applications (no., kind, date): US 2004544736 P 20040212; US 200556711 A 20050210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050210099	A1	EN	45	29	Related to Provisional	US 2004544736

**Alerting Abstract ... USE -** For deploying software projects to remote computing devices such as **mobile** computer, laptop and **personal digital assistant (PDA)**.

... that allows administrators to easily and effectively deploy the projects to remote computers. Allows business users with no information technology background to develop and deploy sophisticated applications for execution on remote... 100 **mobile** device

### Original Publication Data by Authority

...

#### Original Abstracts:

allows administrators to easily and effectively deploy software projects to remote computers. This allows business users with no Information Technology background or capabilities to develop and deploy sophisticated applications for execution on remote systems, such as **mobile** computers. **Mobile** workers can connect to backend enterprise systems in real-time to capture rich data types such as digital **signatures**, photos, **speech recognition**, **bar code scans**, etc. while in the field.

#### Claims:

1. A method for deploying projects to one or more **client** computing devices from a server, each of said projects including one or more tasks, the... information for a project from a business administrator; deploying said project to one or more **client** computing devices, said one or more **client** computing devices selected based on said project information; receiving results from execution of one or more tasks of said project from said one or more **client** computing devices; and displaying a portion of said results to said business administrator.

11/3,K/11 (Item 6 from file: 350) [Links](#)

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0015267237 *Drawing available*

WPI Acc no: 2005-617336/200563

Related WPI Acc No: 2005-581871; 2005-581873; 2005-675329

XRPX Acc No: N2005-506729

**Central server synchronizing method for computer network**, involves noting change relevant to mobile device in synchronization system table upon discovery of change in server, and transmitting items in manifest to device

Patent Assignee: MOBILEFRAME LLC (MOBI-N)

Inventor: OSWALT L L

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050193028	A1	20050901	US 2004544736	P	20040212	200563	B
			US 200556457	A	20050210		

Priority Applications (no., kind, date): US 2004544736 P 20040212; US 200556457 A 20050210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050193028	A1	EN	44	29	Related to Provisional	US 2004544736

**Central server synchronizing method for computer network, involves noting change relevant to mobile device in synchronization system table upon discovery of change in server, and transmitting items in ...**

**Alerting Abstract** ...involves continuously monitoring changes to data in a central server. A change relevant to a **mobile** computing device is noted in a synchronization system table related to the device, upon discovery...

... an apparatus for synchronizing a central server with a **mobile** computing device a program storage device embodying a program instructions executable by a machine to perform a method for synchronizing a central server with a **mobile** computing device... ... USE - Used for synchronizing a central server in a computer network with a **mobile** computing device... ... ADVANTAGE - The method intelligently synchronizes the central server in the computer network with the **mobile** computing device. The method provides a single integrated software project deployment platform that allows administrators to easily and effectively deploy software projects to remote computers, and allows business **users** with no Information Technology background or capabilities to develop and deploy sophisticated applications for execution on remote systems e.g. **mobile** computers. The method allows **mobile** workers to connect to backend enterprise systems in real-time to capture rich data types such as digital **signatures**, photos, **speech recognition** and **bar code scans**, while in the field...

**Title Terms** .../Index Terms/Additional Words: **MOBILE**;

## Original Publication Data by Authority

### Original Abstracts:

A solution is provided that intelligently synchronizes a central server with a **mobile** computing device by continuously monitoring changes to data in the central server. Upon discovery of a change relevant to the **mobile** computing device, the change may be noted in a synchronization system table corresponding to the **mobile** computing device, wherein the synchronization system table contains all items that need to be synchronized for the **mobile** computing device. Then, a manifest of all items to synchronize with the **mobile** computing device may be created based upon information in the synchronization system table. Finally, the items in the manifest may be transmitted to the **mobile** computing device.

**Claims:**

1. A method for intelligently synchronizing a central server with a **mobile** computing device, the method comprising: continuously monitoring changes to data in said central server; upon discovery of a change relevant to said **mobile** computing device, noting said change in a synchronization system table corresponding to said **mobile** computing device, said synchronization system table containing all items that need to be synchronized for said **mobile** computing device; creating a manifest of all items to synchronize with said **mobile** computing device, said creating based upon information in said synchronization system table; and transmitting said items in said manifest to said mobile computing device.

11/3,K/12 (Item 7 from file: 350) [Links](#)

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0015231807 *Drawing available*

WPI Acc no: 2005-581871/200559

Related WPI Acc No: 2005-581873; 2005-617336; 2005-675329

XRPX Acc No: N2005-477479

**Data storage method in database, involves saving ordinary data as object definitions whose each instance is linked to instances of attribute definitions, and storing relationship between object definitions and its instances**

Patent Assignee: MOBILEFRAME LLC (MOBI-N)

Inventor: OSWALT L L; OSWALT L

Patent Family ( 3 patents, 107 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050182785	A1	20050818	US 2004544736	P	20040212	200559	B
			US 200555941	A	20050210		
WO 2005079349	A2	20050901	WO 2005US4559	A	20050210	200559	E
EP 1716469	A2	20061102	EP 2005713470	A	20050210	200672	E
			WO 2005US4559	A	20050210		

Priority Applications (no., kind, date): US 2004544736 P 20040212; US 200555941 A 20050210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050182785	A1	EN	13	7	Related to Provisional	US 2004544736
WO 2005079349	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN					

	MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
EP 1716469	A2	EN			PCT Application WO 2005US4559
					Based on OPI patent WO 2005079349
Regional Designated States,Original	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU				

**Alerting Abstract ... ADVANTAGE** - Eliminates traditional heavy-weight dependence on foreign key relationships in order to allow **users** to add new tables or permutations without restrictions...

## Original Publication Data by Authority

...

### Original Abstracts:

allows administrators to easily and effectively deploy software projects to remote computers. This allows business **users** with no Information Technology background or capabilities to develop and deploy sophisticated applications for execution on remote systems, such as **mobile** computers. **Mobile** workers can connect to backend enterprise systems in real-time to capture rich data types such as digital **signatures**, photos, **speech recognition**, **bar code scans**, etc. while in the field... ... to-many relationships between table, resulting in amore robust, efficient database structure. Once tables of **user**-specific data are bound to the database as meta-data using their primary keys, the... ... allows administrators to easily and effectively deploy software projects to remote computers. This allows business **users** with no Information Technology background or capabilities to develop and deploy sophisticated applications for execution on remote systems, such as **mobile** computers. **Mobile** workers can connect to backend enterprise systems in real-time to capture rich data types such as digital **signatures**, photos, **speech recognition**, **bar code scans**, etc. while in the field... ... applications sophistiquées pour les exécuter sur des systèmes distants, tels que des ordinateurs. Des travailleurs **mobiles** peuvent se connecter à des systèmes d'entreprise principaux en temps réel pour acquérir des...

11/3,K/13 (Item 8 from file: 350) [Links](#)

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0015067665 *Drawing available*

WPI Acc no: 2005-416900/200542

XRAM Acc no: C2005-127572

XRPX Acc No: N2005-338240

**Processing access request for identification system useful in commercial transactions comprises capturing digital signature and user sensed data from wireless device and verifying identity of user**

Patent Assignee: BLACK G R (BLAC-I)

Inventor: BLACK G R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050122209	A1	20050609	US 2003727208	A	20031203	200542	B

Priority Applications (no., kind, date): US 2003727208 A 20031203

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20050122209	A1	EN	39	18	

**Processing access request for identification system useful in commercial transactions comprises capturing digital signature and user sensed data from wireless device and verifying identity of user**

**Alerting Abstract ...NOVELTY** - Processing an access request comprising capturing **user** reference data from a **wireless** tag carried by a **user**, capturing **user** sensed data as the **user** writes a name with a stylus, transmitting the **user** sensed and captured data to a processor, comparing the sensed data against the **user** reference data, authenticating the identity of the **user** based and enabling the **user** access to an account, a network or a physically secure location, is new.

... capturing **user** reference data from a **wireless** device carried by a **user**, the **user** reference data including **user biometric** data or **user metric** data, the **user** reference data having been submitted during **user** registration; capturing **user** sensed data as the **user** writes a name, the name being written with a stylus, the **user** sensed data including **user biometric** data or **user metric** data; transmitting the **user** sensed data and the **user** captured data to a processor, the **user** reference data being transmitted to the processor by means of radio-frequency transmission; comparing the **user** sensed data against the **user** reference data in the processor; authenticating the identity of the **user** based upon the results of the comparison; and enabling **user** access to an account, a network, or a physically secure location if the processor confirms **user** identity and other system criteria confirms the access request should be approved the other system... ... a system comprising stylus, **wireless** device and processing system; and enabling a **user** to process a payment for goods or services from a provider... ... **ADVANTAGE** - The method utilizes **wireless** technology in commercial transaction of any value that is acceptable to all parties. The **wireless** technology captures a digital signature and at the same time also captures electronic signatures. The...

**Technology Focus ...**

capturing a **user** record number from a **wireless** device carried by a **user**, the **user** record number having been submitted in a registration process; capturing **user** sensed data as the **user** writes a name, the **user** sensed data including **user biometric** data or **user metric** data, the name being written with a stylus; transmitting the **user** sensed data and the **user** record number to a processor system, the **user** record number being transmitted to the

list

Patent Assignee: PARKS J M (PARK-I); PRY D P (PRYD-I); SACKS J D (SACK-I)

Inventor: PARKS J M; PRY D P; SACKS J D

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040138781	A1	20040715	US 2002436080	P	20021223	200455	B
			US 2003736369	A	20031215		

Priority Applications (no., kind, date): US 2002436080 P 20021223; US 2003736369 A 20031215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040138781	A1	EN	30	15	Related to Provisional	US 2002436080

**Object selection method for warehouse system, involves entering password to log onto mobile computer and providing instructions to user from applications software that generate summary of objects to be pulled from list**

**Alerting Abstract** ...NOVELTY - The method involves entering a **user** code and security password to log on a **mobile** computer (10). The computer provides instructions to a **user** from object selection applications software. The software generates a summary of objects to be pulled from a list and digits of location of object are verified by **voice recognition** software. The location of object is transferred to a server and then to an external...

...10 Mobile computer... ...20 User

**Title Terms** .../Index Terms/Additional Words: **MOBILE**; ... ...**USER**;

**Original Publication Data by Authority**

...

**Original Abstracts:**

is a method for objects selection at a location comprising the steps of using a **mobile** computer having a **bar code reader**, a display, an audio output device, an audio input device, a tactile input device, text to **speech** software, a **voice recognition** software, objects selection applications software, and radio frequency identification (RFID) reader, wherein said **mobile** computer is adapted for communication between an order systems server and a **user** and the order systems server is adapted for communication between the **mobile** computer and at least one external computer system.

...

**Claims:**

claimed is: **1.** A method for objects selection at a location comprising: a. using a **mobile** computer having a **bar code reader**, a display an audio output device, a tactile input device, text to **speech** software, a **voice recognition** software, objects selection applications software, and radio frequency identification (RFID) reader wherein said **mobile** computer is adapted for communication between an order systems server and a **user** and the order systems

server is adapted for communication between the **mobile** computer and at least one external computer system; b. entering a **user** code and security password to log onto the **mobile** computer; c. training the **voice recognition** software by the **user**; d. providing instructions to the **user** from the objects selection applications software using the text to speech software to the audio... ... from the objects selection applications software to the display; e. transmitting a request from the **mobile** computer to the order systems server to obtain a list of objects to be pulled... ... performing a step which is a member of the group: acknowledging the summary by the **user** using the tactile input device and acknowledging the summary using the audio input device; j. instructing the **user** to go to an aisle using the text to speech software; k. acknowledging the **user** is at the aisle using the **voice recognition** software; l. advising the **user** using the text to speech software to go to: i. a location of objects which... ... of a case of objects; iii. a location of an individual objects; m. acknowledging the **user** is at the location using the **voice recognition** software; n. with the **mobile** computer, inputting a member of the group: i. the check digits for an object's location by the **user** using **voice recognition** software; ii. the bar code of an object's location by the **user** using the **bar code reader**; iii. the **bar code** of a case of objects by the **user** using the **bar code reader**; iv. the **bar code** of an individual object by the **user** using the **bar code reader**; v. the objects location with the RFID reader; vi. the case of objects with the RFID reader; and vii. the individual object with the RFID reader; o. using the **voice recognition** software by the **user** to verify the check digits for a objects location; p. using the applications software to... ... to indicate the quantity of the objects needed via the audio output device to the **user**; r. acknowledge the indicated quantity of the objects; s. repeating steps (j) through (q) until...

11/3,K/15 (Item 10 from file: 350) [Links](#)

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0014363367 *Drawing available*

WPI Acc no: 2004-552060/

XRPX Acc No: N2004-436731

**Object delivery method using transport vehicle e.g. trailer, involves using text-to-speech software to identify the correct destination locations and quantity of objects to-be-delivered from downloaded location and object lists**

Patent Assignee: LEPP J C (LEPP-I); PARKS J M (PARK-I); SACKS J D (SACK-I)

Inventor: LEPP J C; PARKS J M; SACKS J D

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040133303	A1	20040708	US 2002436067	P	20021223	200453	B
			US 2003737952	A	20031215		

Priority Applications (no., kind, date): US 2002436067 P 20021223; US 2003737952 A 20031215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040133303	A1	EN	28	17	Related to Provisional	US 2002436067



**Alerting Abstract** ...and objects to-be-delivered list are downloaded using delivery system software at driver's **mobile** computer. The text-to-speech software is used to identify the correct destination location and...

USE - For delivering objects to destination location such as **customer** warehouse, **customer** store, residence, manufacturing site and dock, using transport vehicles such as trailer and truck... ...the destination location reliably, by using the text-to-speech software of the driver's **mobile** computer...

## **Original Publication Data by Authority**

...

### **Original Abstracts:**

is a method for objects delivery at a location comprising the steps of using a **mobile** computer having a **bar code reader**, a display, an audio output device, a tactile input device, text to **speech** software, a **voice recognition** software, delivery system software, and radio frequency identification (RFID) reader, wherein said **mobile** computer is adapted for communication between a delivery server system and a **user** and the delivery server system is adapted for communication between the **mobile** computer and at least one external computer system.

...

### **Claims:**

of at least one object to at least one destination location comprising: a. using a **mobile** computer having a **bar code reader**, a display an audio output device, a tactile input device, text to **speech** software, a **voice recognition** software, delivery system software, and radio frequency identification (RFID) reader wherein said **mobile** computer is adapted for communication between a delivery server system and a **user** and the delivery server system is adapted for communication between the **mobile** computer and at least one external computer system; b. entering a **user** code to log onto the **mobile** computer; c. training the **voice recognition** software by the **user**; d. providing instructions to the **user** from the delivery system software using the text to speech software to the audio output... ... information from the delivery system software to the display; e. transmitting a request from the **mobile** computer to the delivery server system to identify the objects on the load and each... ... objects to be delivered to each destination location and download other relevant information into the **mobile** computer; g. using the applications software to generate a destination locations list; h. transporting the... ... group: i. using the audio input to speak characters that identify the destination location; ii. **scanning** a **barcode** identifying the destination location; and iii. **reading** an RFID data to identify the destination location; j. using the text to speech software... ... be delivered at the destination location; l. identifying the objects indicated for delivery by the **user** using a step from the group comprising: i. using the audio input to speak characters that identify the object; ii. **scanning** the **barcode** of the object; and iii. **reading** the RFID data of the object; m. repeating steps (k) through (l) until all objects...

11/3,K/16 (Item 11 from file: 350) [Links](#)

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0014362935 *Drawing available*

WPI Acc no: 2004-551601/

XRPX Acc No: N2004-436289

**Product selection system for warehouse, has bar code reader and radio frequency identification reader, communicating with wearable mobile computer communicating with server and user**

Patent Assignee: ALTEMUS J D (ALTE-I); PARKS J M (PARK-I); SACKS J D (SACK-I)

Inventor: ALTEMUS J D; PARKS J M; SACKS J D

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040128200	A1	20040701	US 2002436116	P	20021223	200453	B
			US 2003736427	A	20031215		

Priority Applications (no., kind, date): US 2002436116 P 20021223; US 2003736427 A 20031215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040128200	A1	EN	8	5	Related to Provisional	US 2002436116

**Product selection system for warehouse, has bar code reader and radio frequency identification reader, communicating with wearable mobile computer communicating with server and user**

**Alerting Abstract** ...NOVELTY - A **bar code reader** (11), display/ touch screen (12), keyboard (14), audio input and output devices (31,13), printer (33) and radio frequency identification (RFID) reader (18) communicate with wearable **mobile** computer (10) communicating with server and **user**. The server communicates with an external computer system. The computer has text-to-**speech**, **voice recognition** and order filling applications software (15-17).

...10 wearable **mobile** computer... ...11 **bar code reader**

... ...16 **voice recognition** software

**Title Terms** .../Index Terms/Additional Words: **MOBILE**; ... ...**USER**

## Original Publication Data by Authority

### Original Abstracts:

The invention is a system for product selection at a location with a wearable **mobile** computer with memory and a processor, a **bar code reader** in communication with the wearable **mobile** computer, a viewing and input component with a display screen and a tactile input device, an audio output device and audio input device, both in communication with the wearable **mobile** computer, text-to-**speech** software, **voice recognition** software, order filling applications software, a printer, and a radio frequency identification (RFID) reader in communication with the wearable **mobile** computer, wherein the **mobile** computer is further adapted to communicate between a **user** and an order systems server adapted to communicate between the wearable **mobile** computer and at least one external computer system.

...

**Claims:**

claimed is: **1.** A system for product selection at a location comprising: a. a wearable **mobile** computer with memory and a processor; b. a **bar code reader** in communication with the wearable **mobile** computer; c. a viewing and input component consisting of a member of the group: i. a display integral with the wearable **mobile** computer ii. a tactile input device in communication with the wearable **mobile** computer; iii. a display screen that is a touch screen in communication with the wearable **mobile** computer; and iv. combinations thereof; d. an audio output device in communication with the wearable **mobile** computer; e. an audio input device in communications with the wearable **mobile** computer; f. text-to-speech software residing in the memory; g. a **voice recognition** software residing in the memory; h. order filling applications software residing in the memory; i. a printer in communications with the wearable **mobile** computer; j. radio frequency identification (RFID) reader in communication with the wearable **mobile** computer, and k. wherein the wearable **mobile** computer is further adapted for communication between: i. an order systems server; and ii. a **user**; l. wherein the order systems server is adapted for communication between the wearable **mobile** computer at least one external computer system.

11/3,K/17 (Item 12 from file: 350) [Links](#)

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0014362923 *Drawing available*

WPI Acc no: 2004-551589/

XRPX Acc No: N2004-436277

**Source transport device vehicle object picking method, involves advising user with text-to-speech software if object is correct and transferring picked results from pick-by-line server to external computer system**

Patent Assignee: PARKS J M (PARK-I); PRY D P (PRYD-I); SACKS J D (SACK-I)

Inventor: PARKS J M; PRY D P; SACKS J D

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040128133	A1	20040701	US 2002435993	P	20021223	200453	B
			US 2003736107	A	20031215		

Priority Applications (no., kind, date): US 2002435993 P 20021223; US 2003736107 A 20031215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040128133	A1	EN	22	18	Related to Provisional	US 2002435993

**Source transport device vehicle object picking method, involves advising user with text-to-speech software if object is correct and transferring picked results from pick...**

input device; ii. **scanning** a **barcode** disposed on the object; and iii. **reading** an RFID data disposed on the object; s. repeating steps n through r until all...

11/3,K/18 (Item 13 from file: 350) [Links](#)

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0014344807 *Drawing available*

WPI Acc no: 2004-533010/

XRPX Acc No: N2004-422140

**Object e.g. container, loading method for transport vehicle, involves obtaining list of objects to be loaded and providing object's summary by using text-to-speech software and acknowledging loading on determining that object is correct**

Patent Assignee: PARKS J M (PARK-I); SACKS J D (SACK-I); VESTAL K R (VEST-I)

Inventor: PARKS J M; SACKS J D; VESTAL K R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040128134	A1	20040701	US 2002436138	P	20021223	200451	B
			US 2003736162	A	20031215		

Priority Applications (no., kind, date): US 2002436138 P 20021223; US 2003736162 A 20031215

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040128134	A1	EN	24	22	Related to Provisional	US 2002436138

**Alerting Abstract** ...acknowledging its receipt. An object is determined whether it is to be loaded and the **user** with the software is advised if the object is correct and its loading is acknowledged...

...sequence and in the correct location in the transport vehicle and produces information for the **user** which identifies for each delivery location...

## Original Publication Data by Authority

### Original Abstracts:

The invention is a method for loading object on a transport vehicle using a **mobile** computer with text-to-speech software adapted for communication between a loader server system and a **user** wherein the method entails transmitting a request from the computer to the loader server system... ... summary, identifying an object to

determine if the object is to be loaded, advising the **user** with the text-to-speech software if the object is correct, acknowledging the object has...

...

**Claims:**

is: **1.** A method for loading object on a transport vehicle comprising: a. using a **mobile** computer having a **bar code reader**, a display, an audio output device, an audio input device, a tactile input device, text-to-speech software, a **voice recognition** software, loader applications software, a printer and radio frequency identification (RFID) reader wherein the **mobile** computer is adapted for communication between an loader server system and a **user** and the loader server system is adapted for communication between the **mobile** computer and at least one external computer system; b. entering a **user** code to log onto the **mobile** computer; c. training the **voice recognition** software by the **user**; d. providing instructions to the **user** from the loader applications software using the text-to-speech software to the audio output... .. information from the loader applications software to the display; e. transmitting a request from the **mobile** computer to the loader server system to obtain a list of objects to be loaded... .. a member of the group: acknowledging the summary of objects to be loaded by the **user** using the tactile input device and acknowledging the summary of objects to be loaded using... .. consisting of: i. speaking the characters identifying the object into the audio input device; ii. **scanning a barcode** on the object; iii. **reading** a RFID data on the object; k. advising the **user** with the text-to-speech software a member of the group consisting of: i. the... .. been loaded using a method selected from the group: i. providing an acknowledgement using the **voice recognition** software; ii. **bar code scanning** a transport vehicle; iii. **bar code scanning** the location of the transport vehicle; iv. reading an RFID tag for a transport vehicle...

11/3,K/19 (Item 14 from file: 350) [Links](#)

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0014329073 *Drawing available*

WPI Acc no: 2004-516829/200449

Related WPI Acc No: 2004-516378

XRPX Acc No: N2004-409570

**Fax machine for routing voice/video/fax mail, has memory storing fax software that configures machine in different modes, where in finger/thumb print scan mode scanner verifies authenticity of intended recipient**

Patent Assignee: BURKE J (BURK-I); JAMES B (JAME-I)

Inventor: BURKE J; JAMES B

Patent Family ( 6 patents, 106 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040125396	A1	20040701	US 2002434431	P	20021219	200449	B
			US 2003736587	A	20031217		
WO 2004057839	A2	20040708	WO 2003US40802	A	20031219	200449	E
AU 2003297425	A1	20040714	AU 2003297425	A	20031219	200474	E
EP 1579675	A2	20050928	EP 2003813827	A	20031219	200563	E
			WO 2003US40802	A	20031219		

JP 2006515728	W	20060601	WO 2003US40802	A	20031219	200637	E
			JP 2005502660	A	20031219		
CN 1748407	A	20060315	CN 200380109720	A	20031219	200649	E

Priority Applications (no., kind, date): US 2003443740 A 20030523; US 2002434431 P 20021219; US 2003736587 A 20031217

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040125396	A1	EN	30	12	Related to Provisional	US 2002434431
WO 2004057839	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
AU 2003297425	A1	EN			Based on OPI patent	WO 2004057839
EP 1579675	A2	EN			PCT Application	WO 2003US40802
					Based on OPI patent	WO 2004057839
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
JP 2006515728	W	JA	56		PCT Application	WO 2003US40802
					Based on OPI patent	WO 2004057839

**Alerting Abstract ... ADVANTAGE** - The machine in the verification mode accurately checks the authenticity of the user, thereby preventing a disapproved/damaged/misaligned fax document from falling into the wrong hands. The...

### Original Publication Data by Authority

...

#### Original Abstracts:

includes an operating panel (12), an operating display screen (14), a microphone/speaker (16), a **telephone** handset (18), a sealed paper tray (20), an auxiliary paper tray (22), a printer, an... ... fax machine. The fax machine (10) may also include an additional key pad, PCI slots, **voice** generator circuitry, **voice recognition** circuitry, a **sound** card, a paper **scanner**, a **bar code reader**, a finger/thumb print **scanner**, a retina scanner, a stylus pen, a signature pad, a

shredder, a network control unit... ... The fax machine includes an operating panel, an operating display screen, a microphone/speaker, a **telephone** handset, a sealed paper tray, an auxiliary paper tray, a printer, an audio/video recording... ... the fax machine. The fax machine may also include an additional key pad, PCI slots, **voice** generator circuitry, **voice recognition** circuitry, a **sound** card, a paper **scanner**, a **bar code reader**, a finger/thumb print **scanner**, a retina scanner, a stylus pen, a signature pad, a shredder, a hard drive, and... ... includes an operating panel (12), an operating display screen (14), a microphone/speaker (16), a **telephone** handset (18), a sealed paper tray (20), an auxiliary paper tray (22), a printer, an... ... fax machine. The fax machine (10) may also include an additional key pad, PCI slots, **voice** generator circuitry, **voice recognition** circuitry, a **sound** card, a paper **scanner**, a **bar code reader**, a finger/thumb print **scanner**, a retina scanner, a stylus pen, a signature pad, a shredder, a network control unit...

11/3,K/20 (Item 15 from file: 350) [Links](#)

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0013850886 *Drawing available*

WPI Acc no: 2004-029072/

XRPX Acc No: N2004-023254

**Data acquisition method in local area network, involves deciding which input device to be connected to client computer or transferring data input to server**

Patent Assignee: NITTSUKO KK (NITT-N)

Inventor: KOMIYAMA T

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2003345482	A	20031205	JP 2002149520	A	20020523	200403	B

Priority Applications (no., kind, date): JP 2002149520 A 20020523

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2003345482	A	JA	12	10	

...

**acquisition method in local area network, involves deciding which input device to be connected to client computer or transferring data input to server**

**Alerting Abstract ...NOVELTY** - The **client** computer sends data input to the server. The server transmits

information of which device to be connected to the **client** computer and the **client** computer transmits data correspondingly.

... USE - For acquiring data input like text data, image, audio/voice moving image from a **client** computer which is connected to input device like **barcode scanner**, finger **print reader**, **speech** input device, **scanner**, digital camera, digital camcorder, magnetic-card reader, integrated circuit (IC)-card reader, **personal digital assistant** and **mobile telephone**.

**Title Terms .../Index Terms/Additional Words: CLIENT;**

11/3,K/21 (Item 16 from file: 350) [Links](#)

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0013342215 *Drawing available*

WPI Acc no: 2003-429853/200340

Related WPI Acc No: 2005-504656; 2005-795454; 2005-808710; 2006-008442; 2006-008443; 2006-008444

XRPX Acc No: N2003-343275

**Point of play registration apparatus for gaming machine, has various inputting mechanisms connected to program server that provides player tracking services and related gaming services**

Patent Assignee: IGT (IGTI-N); INT GAME TECHNOLOGY (ITGA-N)

Inventor: BENOY G A; NGUYEN B T; PAULSEN C A; BENOY G

Patent Family ( 6 patents, 100 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030054878	A1	20030320	US 2001957742	A	20010920	200340	B
WO 2003025867	A2	20030327	WO 2002US29890	A	20020919	200340	E
EP 1423831	A2	20040602	EP 2002768875	A	20020919	200436	E
			WO 2002US29890	A	20020919		
AU 2002331881	A1	20030401	AU 2002331881	A	20020919	200452	E
US 6896618	B2	20050524	US 2001957742	A	20010920	200535	E
ZA 200402212	A	20060628	ZA 20042212	A	20040319	200648	E

Priority Applications (no., kind, date): US 2001957742 A 20010920

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20030054878	A1	EN	37	10		
WO 2003025867	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW					



	MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
EP 1423831	A2	EN			PCT Application	WO 2002US29890
					Based on OPI patent	WO 2003025867
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
AU 2002331881	A1	EN			Based on OPI patent	WO 2003025867
ZA 200402212	A	EN	80			

...played on machine (92,94). Device also has a touch screen display (16) for inputting **user** loyalty program information e.g. name, and loyalty program instruments e.g. card reader (22...

## Original Publication Data by Authority

...

### Original Abstracts:

a casino service representative may enter identification information such as a name, an address and **biometric** information using an input mechanism located on the gaming machine or on a **hand-held wireless** device. The loyalty program information may be combined with information such as serial number or a **bar-code read** from a loyalty program instrument in a loyalty program registration request message sent to a... ... include a magnetic striped card, a smart card, a printed ticket, a room key, a **cell-phone** or a **portable computing device**. When the registration request is confirmed by the loyalty program server, the player may begin... ... a casino service representative may enter identification information such as a name, an address and **biometric** information using an input mechanism located on the gaming machine or on a **hand-held wireless** device. The loyalty program information may be combined with information such as serial number or a **bar-code read** from a loyalty program instrument in a loyalty program registration request message sent to a... ... include a magnetic striped card, a smart card, a printed ticket, a room key, a **cell-phone** or a **portable computing device**. When the registration request is confirmed by the loyalty program server, the player may begin... ... a casino service representative may enter identification information such as a name, an address and **biometric** information using an input mechanism located on the gaming machine or on a **hand-held wireless** device. The loyalty program information may be combined with information such as serial number or a **bar-code read** from a loyalty program instrument in a loyalty program registration request message sent to a... ... include a magnetic striped card, a smart card, a printed ticket, a room key, a **cell-phone** or a **portable computing device**. When the registration request is confirmed by the loyalty program server, the player may begin... ... magnetiques, une carte a puce intelligente, un jeton imprime, la cle d'une chambre, un **telephone** portable ou un

dispositif informatique portable. Lorsque la demande d'enregistrement est confirmee par le...

11/3,K/22 (Item 17 from file: 350) [Links](#)

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0013255660 *Drawing available*

WPI Acc no: 2003-341130/

XRPX Acc No: N2003-272845

**Computer system couples extender of computing system with respective extender of human interface which allows user to interface with computing system**

Patent Assignee: DUPONT R (DUPO-I); THORNTON B (THOR-I); TULLIS M (TULL-I)

Inventor: DUPONT R; THORNTON B; TULLIS M

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020199047	A1	20021226	US 2001892331	A	20010626	200332	B

Priority Applications (no., kind, date): US 2001892331 A 20010626

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020199047	A1	EN	38	10	

**Computer system couples extender of computing system with respective extender of human interface which allows user to interface with computing system**

**Alerting Abstract** ...of computing system with the extender (121) of human interface. The human interface allows the **user** to interface with respective computing system.

...with human interface such as monitor, keyboard, mouse, audio speakers or headphones, microphone, printer, scanner, **telephone**, removable storage medium e.g. optical drive, floppy drive, tape drive, hard disk drive, **biometric** sensor, **barcode reader**, VR interface device, **PDA** IR device... ...The distance between the computer system and the remote human interface is transparent to the **user** and provides a convenient encapsulation of human interface extension functionality...

**Title Terms** .../Index Terms/Additional Words: **USER**

**Original Publication Data by Authority**

...

**Original Abstracts:**

first and second extenders, where the one or more HI devices are useable by a **user** to interface with the computing system. The second extender, second I/O bus, and HI...

...

**Claims:**

computing system to the respective second extender;wherein each of the human interface systems is **useable** by a user to interface with its corresponding computing system.

11/3,K/23 (Item 18 from file: 350) [Links](#)

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0013137885 *Drawing available*

WPI Acc no: 2003-220154/

XRPX Acc No: N2003-175581

**Surveillance system for public facility, has portable monitoring station with receiver which receives signals collected by remote cameras through wireless transmission system**

Patent Assignee: METZGER R (METZ-I); MONROE D A (MONR-I)

Inventor: METZGER R; MONROE D A

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020170064	A1	20021114	US 2001854033	A	20010511	200321	B

Priority Applications (no., kind, date): US 2001854033 A 20010511

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020170064	A1	EN	13	4	

...

**facility, has portable monitoring station with receiver which receives signals collected by remote cameras through wireless transmission system**

**Original Titles:**

Portable, **wireless** monitoring and control station for use in connection with a multi-media surveillance system having...

**Alerting Abstract** ...a receiver receives the signal transmitted by a transmitter associated with the hub through a **wireless** transmission system.

...ADVANTAGE - Enhanced digitized security system is achieved which provides **wireless**, portable mounting and control capability...

**Title Terms** .../Index Terms/Additional Words: **WIRELESS**;

## **Original Publication Data by Authority**

### **Original Abstracts:**

An enhanced, digitized security system provides **wireless**, portable monitoring and control capability for a system having a plurality of cameras in a network and connected to a suitable hub. The portable module is also in **wireless** communication with a server. The permits remote installation and aiming of the cameras, remote viewing... .. and management. A transmitter is associated with the hub for transmitting the signals via a **wireless** network to a portable, **handheld** receiving station, wherein any of the cameras on the network may be accessed and displayed... .. server via the hub and the portable station can communicate with the server via the **wireless** hub to access stored data for retrieval and replay. The system also supports ancillary features... .. employee records anywhere the portable unit is used, ID verification by use of a magnetic **reader** or **bar code reader** provided on the portable unit and other identification systems such as, by way of example, **biometric** sampling. Access control devices may be controlled at the portable module, permitting controlled access to various facilities as the **user** moves about with the portable station. Full communication capability is provided, with communication links to e-mail, **telephone** and other communication networks and systems. The system is enhanced to selectively notify designated personnel either at the fixed stations or at the portable, **wireless** stations, upon detection of a motion event, or any other event detectable by the system.

### **Claims:**

What is claimed is: 1. A surveillance system having **wireless**, portable monitoring module for use in connection with a video/image surveillance system having a... .. the signals; c. A transmitter associated with the hub for transmitting the signals via a **wireless** transmission system; d. A portable monitoring station associated having a receiver associated therewith and adapted...

11/3,K/24 (Item 19 from file: 350) [Links](#)

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0013126904 *Drawing available*

WPI Acc no: 2003-208889/

XRPX Acc No: N2003-166463

**Data set routing method for automatic data collection device, involves routing ADC data to client applications, based on prestored wedging directives including routing conditions**

Patent Assignee: INTERMEC IP CORP (INTE-N)

Inventor: HUNT J M; KATSANDRES J T; OGAMI K Y; RAMBERG J R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
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US 6488209	B1	20021203	US 1999240425	A	19990129	200320	B
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Priority Applications (no., kind, date): US 1999240425 A 19990129

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6488209	B1	EN	24	9	

**Data set routing method for automatic data collection device, involves routing ADC data to client applications, based on prestored wedging directives including routing conditions**

**Alerting Abstract** ...data set received from an automatic data collection (ADC) device should be routed to a **client** is received from a **client** application by an ADC data server (130). The characteristics of ADC data set received from... ..stored in a dynamic wedge grid (305), to determine possibility of data routing to the **client** application.  
**USE** - For e.g. **hand-held** data collection terminal or **hand-held PC bar code reader**, resonator **reader**, voice **recognition** device, RF tag reader, detachable keyboard, 2D symbol reader, ASCII data device, dipole device reader... .. ADVANTAGE - Routes ADC data from ADC devices to desired **client** applications efficiently, by receiving wedging directives including conditions for data routing from **clients** and so high degree of flexibility is produced and **user** control/friendly environment is provided... .. DRAWINGS - The figure shows the flow diagram explaining the storage of wedge directives received from **clients** by ADC data server in dynamic wedge grid...  
**Title Terms** .../Index Terms/Additional Words: **CLIENT**;

## Original Publication Data by Authority

...

### Original Abstracts:

from one or more ADC devices and automatically wedges the data into applications based upon **user**-provided data characteristics or a predetermined set of rules. Applicable wedging criteria used to route data include those that are **user**-composed and those that pertain to firmware or software characteristics. The dynamic wedge may comprise... .. for retaining wedging directives. The ADC data server receives wedging directives from local and remote **client** applications and stores the wedging directives in the wedging grid. When data arrives from an... .. wedging directives stored in the wedging grid. The ADC data server then determines for which **clients** a match has been found. For those **clients** for which a match has been found, the ADC data server then performs the wedging...

...

### Claims:

automatic data collection ("ADC") device of a plurality of ADC devices from at least one **client** application of a plurality of **client** applications, wherein the at least one directive contains at least one condition under which a... .. from the at least one ADC device will be routed to the at least one **client** application; storing the at least one directive in a dynamic wedge grid; receiving an ADC... .. to determine if the ADC data set will be routed to the at least one **client** application, wherein the data set is received by an ADC data server in an ADC...

11/3,K/25 (Item 20 from file: 350) [Links](#)

Derwent WPIX

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0013085641 *Drawing available*

WPI Acc no: 2003-166257/200316

XPX Acc No: N2003-131328

**Portable device e.g. mobile telephone, produces user identification token based on biometric data of user, based on which corresponding configuration information is received from respective database**

Patent Assignee: CHMAYTELLI M (CHMA-I); QUALCOMM INC (QUAL-N)

Inventor: CHMAYTELLI M; CHMMAYTELLI M

Patent Family ( 7 patents, 99 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020169977	A1	20021114	US 2001854277	A	20010511	200316	B
WO 2002093961	A1	20021121	WO 2002US15004	A	20020509	200316	E
EP 1386506	A1	20040204	EP 2002736770	A	20020509	200410	E
			WO 2002US15004	A	20020509		
KR 2003096382	A	20031224	KR 2003714680	A	20031111	200426	E
AU 2002309749	A1	20021125	AU 2002309749	A	20020509	200452	E
CN 1526251	A	20040901	CN 2002813929	A	20020509	200478	E
JP 2005515652	W	20050526	JP 2002590699	A	20020509	200535	E
			WO 2002US15004	A	20020509		

Priority Applications (no., kind, date): US 2001854277 A 20010511

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020169977	A1	EN	18	10		
WO 2002093961	A1	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
EP 1386506	A1	EN			PCT Application	WO 2002US15004
					Based on OPI patent	WO 2002093961
Regional Designated	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK					

States,Original	NL PT RO SE SI TR					
AU 2002309749	A1	EN			Based on OPI patent	WO 2002093961
JP 2005515652	W	JA	20		PCT Application	WO 2002US15004
					Based on OPI patent	WO 2002093961

**Portable device e.g. mobile telephone, produces user identification token based on biometric data of user, based on which corresponding configuration information is received from respective database**

**Original Titles:**

SYSTEM, METHODS, AND APPARATUS FOR DISTRIBUTED **WIRELESS** CONFIGURATION OF A PORTABLE DEVICE...  
 ...SYSTEM, METHODS, AND APPARATUS FOR DISTRIBUTED **WIRELESS** CONFIGURATION OF A PORTABLE DEVICE...  
 ...System, methods, and apparatus for distributed **wireless** configuration of a portable device...  
 ...SYSTEM, METHODS, AND APPARATUS FOR DISTRIBUTED **WIRELESS** CONFIGURATION OF A PORTABLE DEVICE...

**Alerting Abstract** ...NOVELTY - A token generation unit produces an **user** identification token based on **biometric** data of **user**. An access terminal transmits **user** identification token to a database through a **wireless** communication link and receives corresponding configuration information. The configuration of portable device is altered based...

... Portable device configuration method; and **Wireless** communication network...  
 ... USE - E.g. **mobile telephone**, pager, **hand-held** radio, **barcode scanner**, etc...  
 ... ADVANTAGE - Reliably changes the configuration of portable device based on the identity of the **user**, to reliably control access to certain options and prestored data...  
 ...

DESCRIPTION OF DRAWINGS - The figure shows a flowchart for **mobile** device configuration changing process.

**Technology Focus**

INDUSTRIAL STANDARDS - The communication link through which **user** identification token and corresponding configuration information are respectively transmitted and received, confirms to IEEE 802...

**Title Terms** .../Index Terms/Additional Words: **MOBILE**; ... **TELEPHONE**; ... **USER**;

**Original Publication Data by Authority**

**Original Abstracts:**

A method of configuring a portable device includes sensing **user**-identifying information (P110), which may include **biometric** data. A **user** identification token based on the **user**-identifying information is produced (P120) and transmitted to a network (P130), and a set of...  
 ... A method of configuring a portable device includes sensing **user**-identifying information (P110), which may include **biometric** data. A **user** identification token based on the **user**-identifying information is produced (P120) and transmitted to a network (P130), and a set of...  
 ... A method of configuring a portable device includes sensing **user**-identifying information (P110), which may include **biometric** data. A **user** identification token based on the **user**-identifying information is produced (P120) and transmitted to a network (P130), and a set of...

...

**Claims:**

is:1. A configurable portable device comprising:a sensing unit configured and arranged to collect **biometric** data

from a **user** of the portable device;a token producer configured and arranged to produce a **user** identification token based on the **biometric** data;an access terminal configured and arranged to transmit the **user** identification token to a network over a **wireless** communications link and to receive configuration information corresponding to the **user** identification token from the network; andconfiguration information storage configured and arranged to retrievably store...

11/3,K/26 (Item 21 from file: 350) [Links](#)

Derwent WPIX

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0012457290 *Drawing available*

WPI Acc no: 2002-403201/200243

Related WPI Acc No: 2001-210974; 2001-281775; 2001-580715; 2001-589570; 2001-602233; 2001-607048; 2001-625456; 2002-026193; 2002-097599; 2002-113965; 2002-121872; 2002-130432; 2002-268582; 2002-315016; 2002-329331; 2002-352041; 2002-426381; 2002-462756; 2002-508610; 2002-528172; 2002-546848; 2003-074226; 2003-312273; 2003-417291; 2003-522022; 2003-567194; 2003-801112; 2005-785848; 2005-810525; 2006-066803  
XRPX Acc No: N2002-316315

**Handheld computers e.g. personal digital assistant customized for diet management by busy person, produces log of consumed items and list of items to be reordered and displays them**

Patent Assignee: HEALTHETECH INC (HEAL-N); MAULT J R (MAUL-I); SANDERSON J (SAND-I)

Inventor: MAULT J R; SANDERSON J

Patent Family ( 3 patents, 95 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020027164	A1	20020307	US 2000230860	P	20000907	200243	B
			US 2000234154	P	20000921		
			US 2001949073	A	20010907		
WO 2002021426	A1	20020314	WO 2001US28107	A	20010907	200243	E
AU 200188902	A	20020322	AU 200188902	A	20010907	200251	E

Priority Applications (no., kind, date): US 2000234154 P 20000921; US 2000230860 P 20000907; US 2001949073 A 20010907

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020027164	A1	EN	17	9	Related to Provisional	US 2000230860
					Related to Provisional	US 2000234154
WO 2002021426	A1	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP					



	KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200188902	A	EN			Based on OPI patent	WO 2002021426

**Handheld computers e.g. personal digital assistant customized for diet management by busy person, produces log of consumed items and list of...**

**Alerting Abstract** ...NOVELTY - Imaging device such as **barcode reader** inputs the items consumed by the **user**. A processor processes the input items and maintains a log of the consumed items and...

USE - In e.g. **PDA**, wrist watch, used in weight control program and for diet management by busy people. Also...

...DESCRIPTION OF DRAWINGS - The figure shows the **personal digital assistant**.

## Original Publication Data by Authority

### Original Abstracts:

Portable computing apparatus for aiding a **user** in the monitoring of the consumption of consumable items, such as food items or prescribed... .. program. The consumable item may also be identified in other manners, such as by a **barcode reader**, or a **voice-recognition** circuit... .. Portable computing apparatus (20) for aiding a **user** in the monitoring of the consumption of consumable items, such as food items or prescribed... .. program. The consumable item may also be identified in other manners, such as by a **barcode reader** (23), or a **voice-recognition** circuit utilizing a microphone (25...

### Claims:

What is claimed is:1. Portable computing apparatus for aiding a **user** in monitoring the consumption of consumable items and in reordering said items, comprising:a housing constructed and dimensioned to be **handheld** by the **user**;a storage device carried by said housing for storing data concerning said items;item-identification... .. inputting item-identification information identifying said items as and when to be consumed by the **user**;a display carried by said housing; anda processor within said housing programmed to process...

11/3,K/27 (Item 22 from file: 350) [Links](#)

Derwent WPIX

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0012436376 *Drawing available*

WPI Acc no: 2002-381598/200241

Related WPI Acc No: 1996-130961; 1996-211297; 1998-086247; 2000-363961; 2001-366120; 2002-442921;

2003-786403; 2004-241098; 2004-241288

XRPX Acc No: N2002-298607

**Signaling arrangement for use in wireless LAN, has system manager who processes barcode signal and outputs acknowledgement signal using low power communication protocol**

Patent Assignee: BIUSO A (BIUS-I); BOCCUZZI F (BOCC-I); CONNOLLY S (CONN-I); CORDES E (CORD-I); CURRY D (CURR-I); HAMILTON A R (HAMI-I); POLONIEWICZ P (POLO-I); RYDER M (RYDE-I); SACKETT W (SACK-I); SHELLHAMMER S J (SHEL-I); SYMBOL TECHNOLOGIES INC (SYMB-N); WILD R (WILD-I); WILLINS B A (WILL-I)

Inventor: BIUSO A; BOCCUZZI F; CONNOLLY S; CORDES E; CURRY D; HAMILTON A R; POLONIEWICZ P; RYDER M; SACKETT W; SHELLHAMMER S J; WILD R; WILLINS B A

Patent Family ( 2 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020017567	A1	20020214	US 1997798501	A	19970210	200241	B
			US 1997895888	A	19970717		
			US 1999407191	A	19990928		
			US 2000539689	A	20000331		
			US 2000604192	A	20000627		
			US 2001836878	A	20010417		
			US 2001898236	A	20010703		
US 6764012	B2	20040720	US 1997798501	A	19970210	200448	E
			US 1997895888	A	19970717		
			US 1999407191	A	19990928		
			US 2000539689	A	20000331		
			US 2000604192	A	20000627		
			US 2001836878	A	20010417		
			US 2001898236	A	20010703		

Priority Applications (no., kind, date): US 2001836878 A 20010417; US 2000604192 A 20000627; US 2000539689 A 20000331; US 1999407191 A 19990928; US 1997895888 A 19970717; US 1997798501 A 19970210; US 2001898236 A 20010703

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020017567	A1	EN	52	46	Division of application	US 1997798501
					C-I-P of application	US 1997895888
					C-I-P of application	US 1999407191
					C-I-P of application	US 2000539689
					C-I-P of application	US 2000604192
					C-I-P of application	US 2001836878
					Division of patent	US 6053413
					C-I-P of patent	US 6142379

				C-I-P of patent	US 6145746
				C-I-P of patent	US 6216951
US 6764012	B2	EN		Division of application	US 1997798501
				C-I-P of application	US 1997895888
				C-I-P of application	US 1999407191
				C-I-P of application	US 2000539689
				C-I-P of application	US 2000604192
				C-I-P of application	US 2001836878
				Division of patent	US 6053413
				C-I-P of patent	US 6142379
				C-I-P of patent	US 6145746
				C-I-P of patent	US 6216951
				C-I-P of patent	US 6607134

**Signaling arrangement for use in wireless LAN, has system manager who processes barcode signal and outputs acknowledgement signal using low power...**

**Original Titles:**

Signaling arrangement for and method of signaling in a **wireless** local area network... ...Signaling arrangement for and method of signaling in a **wireless** local area network

**Alerting Abstract** ...NOVELTY - A **scan** module (1) **scans** the **barcode** (13) and outputs **barcode** signal to a system manager, wirelessly. The manager processes the signal and outputs acknowledgement signal...

...USE - For use in **wireless** LAN used in factories, baggage handling system, production lines for manufacturing computer memory chips... ...DESCRIPTION OF DRAWINGS - The figure shows a perspective view of portable system with **voice recognition** capability...

**Title Terms** .../Index Terms/Additional Words: **WIRELESS**;

**Original Publication Data by Authority**

**Original Abstracts:**

A signaling arrangement and method for use in a **wireless** local area network managed by a system manager include a **reader** for electro-optically **reading bar code** symbols. The system manager verifies that a symbol has been successfully read and sends an acknowledgment signal by **wireless**, radio frequency transmission to a remote indicator operative for generating an alert signal noticeable to a **user**.

... ... A signaling arrangement and method for use in a **wireless** local area network managed by a system manager include a **reader** for electro-optically **reading bar code** symbols. The system manager verifies that a symbol has been successfully read and sends an acknowledgment signal by **wireless**, radio frequency transmission to a remote indicator operative for generating an alert signal noticeable to a **user**. >

**Claims:**

We claim:1. A signaling arrangement for use in a wireless local area network, comprising:a) a scanner for electro-optically scanning indicia to be read, and for generating an indicia signal indicative of the indicia, the scanner having a wireless, radio frequency transmitter;b) a system manager having a radio frequency receiver in wireless communication with the transmitter of the scanner for receiving the indicia signal transmitted by the... .. acknowledgment signal indicative that the indicia signal has been processed, the system manager having a wireless, radio frequency transmitter; andc) an indicator having a radio frequency receiver in wireless communication with the transmitter of the system manager for receiving the acknowledgment signal, and for generating an alert signal noticeable to a user upon receipt of the acknowledgment signal... .. We claim:1. A signaling arrangement for use in a wireless local area network, comprising:a) a scanner operable by a user for electro-optically scanning indicia to be read, and for generating an indicia signal indicative of the indicia, the scanner having a wireless, radio frequency transmitter;b) a system manager having a radio frequency receiver in wireless communication with the transmitter of the scanner for receiving the indicia signal transmitted by... .. been processed, the system manager being separate and physically remote from the scanner and having a wireless, radio frequency transmitter; andc) an indicator being separate and physically remote from the scanner and the system manager and having a radio frequency receiver in wireless communication with one of the transmitters for receiving the acknowledgment signal, and the indicator being positionable independently of the scanner for generating an alert signal noticeable to the user upon receipt of the acknowledgment signal.

11/3,K/28 (Item 23 from file: 350) [Links](#)

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0010908336 *Drawing available*

WPI Acc no: 2001-529380/

XRPX Acc No: N2001-392925

**Portable sensing pen reader used for reading e.g. bar code, matrix, symbols produces second data set depending on first data set read by sensor head and desired function selected by user via selector**

Patent Assignee: CORIOLANO-LYKOUREZOS M (CORI-I); LI Q (LIQQ-I); LI Y (LIYY-I); PAPAVASSILIOU C (PAPA-I); WOODHATCH A (WOOD-I); YU Z (YUZZ-I)

Inventor: CORIOLANO-LYKOUREZOS M; LI Q; LI Y; PAPAVASSILIOU C; WOODHATCH A; YU Z

Patent Family ( 3 patents, 93 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000079504	A2	20001228	WO 2000GB2407	A	20000621	200158	B
AU 200055497	A	20010109	AU 200055497	A	20000621	200158	E
EP 1171859	A2	20020116	EP 2000940582	A	20000621	200207	E
			WO 2000GB2407	A	20000621		

Priority Applications (no., kind, date): GB 199914465 A 19990621

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000079504	A2	EN	17	3		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200055497	A	EN			Based on OPI patent	WO 2000079504
EP 1171859	A2	EN			PCT Application	WO 2000GB2407
					Based on OPI patent	WO 2000079504
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					

**Portable sensing pen reader used for reading e.g. bar code, matrix, symbols produces second data set depending on first data set read by sensor head and desired function selected by user via selector**

**Alerting Abstract** ...has the capability of reading a first data set which is substantially invisible to a **user**. A selector allows the **user** to choose a desired function. A second data set is produced depending on the first...

...USE - Used for **reading** e.g. **bar code**, matrix, symbols... ...less time in staring at screens when learning. Requires instant access to any information which **user** requires. Reduces dictionary work required. Simplifies reference of grammar. Reduces resistance to study since **user** knows in advance that their mental energy will be expended on learning interesting subject matter... ...optical code and barcode since visible code is distracting and aesthetically less than optimal. Allows **user** to tackle any text with confidence and pleasure. Allows **user** specific training. Saves teacher from having to recall specific need of each pupil as reports...

**Title Terms** .../Index Terms/Additional Words: **USER**

## Original Publication Data by Authority

...

### Original Abstracts:

on a screen. It has integrated function button (2, 3, 4, 5) that allow a **user** to determine the nature of the records that the computer software will retrieve from the... ... or from the text specific database. There is/are a: screen (6), battery hold (9), **bio-metric** sensor (10), on-off switch (11), an ear **phone** socket (12), integrated loudspeakers (13), power-intake socket (14) and a microphone (15). Scanned symbologies... ... on a screen. It has integrated function button (2, 3, 4, 5) that allow a **user** to determine the nature of the records that the computer software will retrieve from the... ... or from the text specific database. There is/are a: screen (6), battery hold (9), **bio-metric** sensor (10), on-off switch (11), an ear **phone** socket (12), integrated loudspeakers (13), power-intake socket (14) and a microphone (15). Scanned symbologies...

11/3,K/29 (Item 24 from file: 350) [Links](#)

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0010900564 *Drawing available*

WPI Acc no: 2001-521314/200157

XRPX Acc No: N2001-386234

**Internet based electronic shopping system has remote controller which has keypad and microphone for providing keypad data and voice data which are then transmitted to set-top box of television set**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: OGASAWARA N

Patent Family ( 5 patents, 3 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001005155	A1	20010118	WO 2000US18031	A	20000629	200157	B
GB 2368996	A	20020515	WO 2000US18031	A	20000629	200240	E
			GB 2002160	A	20020104		
US 6543052	B1	20030401	US 1999350784	A	19990709	200324	E
JP 2003529959	W	20031007	WO 2000US18031	A	20000629	200370	E
			JP 2001510242	A	20000629		
GB 2368996	B	20031029	WO 2000US18031	A	20000629	200373	E
			GB 2002160	A	20020104		

Priority Applications (no., kind, date): US 1999350784 A 19990709

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001005155	A1	EN	25	5		
National Designated States,Original	GB JP US					
GB 2368996	A	EN			PCT Application	WO 2000US18031
					Based on OPI patent	WO 2001005155
JP 2003529959	W	JA	40		PCT Application	WO 2000US18031
					Based on OPI patent	WO 2001005155
GB 2368996	B	EN			PCT Application	WO 2000US18031
					Based on OPI patent	WO 2001005155

**Original Titles:**

Internet shopping system utilizing set top box and **voice recognition**

... ..INTERNET SHOPPING SYSTEM UTILIZING SET TOP BOX AND **VOICE RECOGNITION**

**Alerting Abstract** ...ADVANTAGE - Due to the presence of remote control unit, **user** is allowed to effectuate the electronic shopping. Purchased items are identified by bar-coding, since...

### **Original Publication Data by Authority**

...

#### **Original Abstracts:**

over the appropriate transmission media. The STB also includes purpose-type application software such as **voice recognition** software and bar code recognition software to support an electronic shopping system. The STB further... .. and optionally through the digital camera. If the remote control unit includes the digital camera, **bar code** information may be **scanned** by the remote control unit and transmitted to the STB for identifying an item to be purchased. The remote control unit is also capable of being used as a cordless **telephone** or videophone, and might also function as a handset for an interphone when the appropriate... .. over the appropriate transmission media. The STB also includes purpose type application software such as **voice recognition** software (78) and bar code recognition software (80) to support an electronic shopping system. The... .. through the microphone, keypad, and the camera. If the remote control unit includes the camera, **bar code** information may be **scanned** by the remote control unit and transmitted to the STB for identifying an item to...

11/3,K/30 (Item 25 from file: 350) **Links**

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0010651518 *Drawing available*

WPI Acc no: 2001-259345/200127

Related WPI Acc No: 1995-193522

XRPX Acc No: N2001-185024

**Personal communication system adapted to be distributed on user's body has CPU in communication with indicia reading device and input device such as optical scanner**

Patent Assignee: BARD S (BARD-I); BEACH R E (BEAC-I); CONNELLY J (CONN-I); HETFIELD M L (HETF-I); KATZ J (KATZ-I); POLONIEWICZ P R (POLO-I); RAMPUTI M A (RAMP-I); SHARONY J (SHAR-I); SHELLHAMMER S J (SHEL-I); SLUTSKY M (SLUT-I); SWARTZ J (SWAR-I); SYMBOL TECHNOLOGIES INC (SYMB-N)

Inventor: BARD S; BEACH R E; CONNELLY J; HETFIELD M L; KATZ J; POLONIEWICZ P R; RAMPUTI M; RAMPUTI M A; SCHWARTZ J; SHARONY J; SHELLHAMMER S J; SLUTSKY M; SWARTZ J

Patent Family ( 3 patents, 26 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1050793	A2	20001108	EP 2000303616	A	20000428	200127	B
US 20030020629	A1	20030130	US 199368026	A	19930528	200311	E

11/3,K/31 (Item 26 from file: 350) [Links](#)

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0010000387 *Drawing available*

WPI Acc no: 2000-304083/200027

XRPX Acc No: N2000-227216

**Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it onto a central station over exclusive radio channel**

Patent Assignee: DYNAMIC VOICE LLC (DYNA-N); FORD R (FORD-I); GAINES J D (GAIN-I); HOWELL D S (HOWE-I); LATSON D E (LATS-I); NELSON J R (NELS-I) ; PARKS F B (PARK-I); ROSS R W (ROSS-I)

Inventor: FORD R; GAINES J D; HOWELL D S; LATSON D E; NELSON J R; PARKS F B; ROSS R W

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2244046	A	19990129	CA 2244046	A	19980728	200027	B
US 6215992	B1	20010410	US 1997902589	A	19970729	200122	E

Priority Applications (no., kind, date): US 1997902589 A 19970729

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CA 2244046	A	EN	74	74	

**Wireless dictation device for providing mobile dictation service linked to centralized core, transmits dictation data to base station which passes it...**

**Alerting Abstract** ...NOVELTY - The **wireless** dictation device (WDD) (2) is used to conduct dictation with a central site (5), via...

...USE - For providing a **mobile** dictation service linked to a centralized core... ...DESCRIPTION OF DRAWINGS - The figure shows a schematic drawing of three **wireless** dictation devices... ...2 **Wireless** dictation devices...

**Title Terms** /Index Terms/Additional Words: **WIRELESS**; ... **MOBILE**;

## Original Publication Data by Authority

### Original Abstracts:

The universal dictation input apparatus and method disclosed employs multiple **wireless** dictation devices ("WDD") and base stations each of which include a 900 MHz radio for... ...with code representing the exclusive channels of a



select number of base stations. When a **user** takes a WDD off-hook, a WDD sequentially and cyclically scans for carrier transmitted by... ..until an idle base station is identified and linked to over the authorized channel. The **user** of a WDD must be authorized to conduct dictation sessions on one or more CDSs... ..frequently used dictation commands to a CDS and to provide other specialized features and a **barcode reader**. Specific setup data is downloaded to a base station to enable it to execute commands... ..vendors and to prepare for receipt of verbal dictation commands. A base station includes a **voice recognition** algorithm to translate verbal commands spoken at a WDD, such as "record" and "play,"into...

#### Claims:

A **wireless** dictation device (WDD) for conducting dictation sessions with a centralized dictation system (CDS) through a...

11/3,K/32 (Item 27 from file: 350) [Links](#)

Derwent WPIX

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0009968550

WPI Acc no: 2000-270869/200023

XRPX Acc No: N2000-202901

**Communications adapter for a mobile computer stores a read-only record of timing and packet identifiers, uses packet identifiers that are automatically logged in a read only store together with timing, dialing and status signals**

Patent Assignee: HIPPO INC (HIPP-N); PDA PERIPHERALS INC (PDAP-N)

Inventor: HEMINGWAY B F; WHITRIDGE F W

#### Patent Family ( 3 patents, 21 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000013076	A1	20000309	WO 1999US19848	A	19990827	200023	B
US 6119179	A	20000912	US 1998143188	A	19980828	200046	E
EP 1131695	A1	20010912	EP 1999945318	A	19990827	200155	E
			WO 1999US19848	A	19990827		

Priority Applications (no., kind, date): US 1998143188 A 19980828

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000013076	A1	EN	20	5		
National Designated States,Original	IL					
Regional Designated	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					

States,Original						
EP 1131695	A1	EN			PCT Application	WO 1999US19848
					Based on OPI patent	WO 2000013076
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					

**Communications adapter for a mobile computer stores a read-only record of timing and packet identifiers, uses packet identifiers that...**

**Original Titles:**

INTEGRIERTER PDA-ADAPTER FUR INTERNET-TELEFONE UND TELEKOMMUNIKATIONEN...  
 ...INTEGRATED IP AND TELECOMMUNICATIONS PDA ADAPTER... ...ASSISTANT PERSONNEL (PDA)  
 ADAPTABLE INTEGRE POUR LA TELEPHONIE INTERNET ET LES TELECOMMUNICATIONS...  
 ...INTEGRATED IP AND TELECOMMUNICATIONS PDA ADAPTER... ...ASSISTANT PERSONNEL (PDA)  
 ADAPTABLE INTEGRE POUR LA TELEPHONIE INTERNET ET LES TELECOMMUNICATIONS

**Alerting Abstract** ...capacity for a telecommunications server operating system and application interface software providing functions such as **voice mail**, **voice recognition**, dictation, call logging, conferencing, encryption, and data format conversion, including Voice-Over-IP packetization. Packet... ...logged in a read only store together with timing, dialing and status signals which the **user** does not need to edit.

USE - In portable and **hand-held** computers...

**Title Terms** .../Index Terms/Additional Words: **MOBILE**;

**Original Publication Data by Authority**

**Original Abstracts:**

A portable adapter (10a, 10b) that provides non-repudiable telecommunications services to **bar-code reading hand-held** computers and **palm-top** (11a) or tablet-type **mobile** (11b) computers is disclosed. The adapter provides supplemental power supply (30a) and processing capacity (14a) that supports API communications functions (20b), such as interactive **voice recognition**, conference calling, data encryption, VoIP packetization and other signal-format conversions that are not implemented on **mobile** computers. In particular, the device automatically logs (20c) IP packet identifiers and DOV dialing and status signals, without the **user** having access to edit this information, thereby providing a "non-repudiation" record of all communications... ... A portable adapter that provides non-repudiable telecommunications services to **bar-code reading hand-held** computers and **palm-top** or tablet-type **mobile** computers is disclosed. The adapter provides supplemental power supply and processing capacity that supports API communications functions, such as interactive **voice recognition**, conference calling, data encryption, VoIP packetization and other signal-format conversions that are not implemented on **mobile** computers. In particular, the device automatically logs IP packet identifiers and DOV dialing and status signals, without the **user** having access to edit this information, thereby providing a "non-repudiation" record of all communications... ... or replacing that battery with a connector. For plant inspection and inventory auditing, ground-based **cellular** communications are implemented for supporting on-site work, including conference calling to discuss apparent pilferage... ... and removable WORM recording media for documenting these discussions. For repair shop use, a standard **phone** jack or 10-base-T connector allows the device to upload engine test-data, with... ... A portable

adapter (10a, 10b) that provides non-repudiable telecommunications services to **bar-code reading hand-held** computers and **palm-top** (11a) or tablet-type **mobile** (11b) computers is disclosed. The adapter provides supplemental power supply (30a) and processing capacity (14a) that supports API communications functions (20b), such as interactive **voice recognition**, conference calling, data encryption, VoIP packetization and other signal-format conversions that are not implemented on **mobile** computers. In particular, the device automatically logs (20c) IP packet identifiers and DOV dialing and status signals, without the **user** having access to edit this information, thereby providing a "non-repudiation" record of all communications... .. a non-repudiation aux ordinateurs portables de lecture des codes a barres et aux ordinateurs **mobiles** du type ordinateur qui tient dans la main (11a) ou ordinateur tablette (11b). L'adaptateur... .. paquets pour la telephonie Internet et autres conversions de format signal impossibles sur les ordinateurs **mobiles**. En particulier, l'adaptateur enregistre automatiquement (20c) les identificateurs de paquets en telephonie Internet et...

11/3,K/33 (Item 28 from file: 350) [Links](#)

Derwent WPIX

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0008284564 *Drawing available*

WPI Acc no: 1997-393971/199736

Related WPI Acc No: 2003-901229; 2004-010247; 2004-032250

XRPX Acc No: N1997-327845

**Data entry device for e.g. portable computer or computer terminal - has hand-piece which rests close to users hand, and arm- piece for mounting on users arm are carrying keys and pointers**

Patent Assignee: HARRISON S (HARR-I); HARRISON S E (HARR-I); ORANG-OTANG COMPUTERS INC (ORAN-N)

Inventor: HARRISON S; HARRISON S E

Patent Family ( 6 patents, 72 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997027674	A1	19970731	WO 1997US1356	A	19970122	199736	B
AU 199722481	A	19970820	AU 199722481	A	19970122	199749	E
EP 876707	A1	19981111	EP 1997905642	A	19970122	199849	E
			WO 1997US1356	A	19970122		
US 6184804	B1	20010206	US 199610648	P	19960126	200109	E
			WO 1997US1356	A	19970122		
			US 1998117150	A	19980723		
JP 2001513918	W	20010904	JP 1997519987	A	19970122	200165	E
			WO 1997US1356	A	19970122		
US 6595424	B1	20030722	US 199610648	P	19960126	200354	E
			WO 1997US1356	A	19970122		
			US 1998117150	A	19980723		
			US 2000724701	A	20001128		

Priority Applications (no., kind, date): US 2000724701 A 20001128; US 1998117150 A 19980723; WO 1997US1356 A 19970122; US 199610648 P 19960126

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997027674	A1	EN	94	45		
National Designated States,Original	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 199722481	A	EN			Based on OPI patent	WO 1997027674
EP 876707	A1	EN			PCT Application	WO 1997US1356
					Based on OPI patent	WO 1997027674
Regional Designated States,Original	BE DE ES FI FR GB IT NL					
US 6184804	B1	EN			Related to Provisional	US 199610648
					PCT Application	WO 1997US1356
					Based on OPI patent	WO 1997027674
JP 2001513918	W	JA	104		PCT Application	WO 1997US1356
					Based on OPI patent	WO 1997027674
US 6595424	B1	EN			Related to Provisional	US 199610648
					Continuation of application	WO 1997US1356
					Continuation of application	US 1998117150
					Continuation of patent	US 6184804

...

has hand-piece which rests close to users hand, and arm- piece for mounting on users arm are carrying keys and pointers

**Alerting Abstract** ...The data entry device includes an arm-piece (223) which attaches to the user s arm, and a handpiece (220) which rests in close proximity to the hand of... ..are mounted on the armpiece (223) and are accessed by the opposite hand of the **user**.

... ..or near which the hand- piece rests. The data entry device transmits keystroke information via **wireless** technology... ..equipment e.g. cameras, microphones, monitors, remote controls and recorders and telecommunications equipment e.g. **telephones** and MIDI controllers. Enables greater mobility, ease, comfort and efficiency of use. Reduces back, shoulder, neck, wrist and arm strain and stress and discomfort associated with extended use, by allowing **user** unlimited mobility.

**Title Terms** .../Index Terms/Additional Words: **USER**;

## Original Publication Data by Authority

...

### Original Abstracts:

and 22C) consists of two main parts: (1) an armpiece (223), which attaches to the **user's** arm, and (2) a handpiece (220), which rests in or in close proximity to... .. which are mounted on the armpiece (223) are accessed by the opposite hand of the **user**; the keys on the handpiece (220) are mounted in a manner which allows them to... .. or near which the handpiece (220) rests. The key palette can transmit keystroke information via **wireless** technology. The self-contained design decreases back, shoulder, neck, arm, and wrist stress, strain and discomfort associated with extended use by allowing the **user** almost unlimited mobility. An alternate embodiment (Fig. 38A) uses piano keys (381) in place of... .. Other alternate embodiments utilize various input/output devices. The device may be attached to the **user's** arm so that it can revolve, swivel and/or tilt... .. An arm-mounter mechanism affording **users** almost unlimited mobility, alternately adaptable to personal computers, digital assistants, **cellular phones**, cameras, audio recorders, **barcode scanners**, multimedia remote controls, MIDI controllers, gaming devices and others. One embodiment, utilized with **speech recognition** technology, provides monitor and/or keys on an arm-mounted first element movable attached to... .. An arm-mounting mechanism affording **users** almost unlimited mobility, alternately adaptable to personal computers, digital assistants, **cellular phones**, cameras, audio recorders, **barcode scanners**, multimedia remote controls, MIDI controllers, gaming devices and others. One embodiment, utilized with **speech recognition** technology, provides monitor and/or keys on an arm-mounted first element movably attached to... .. and 22C) consists of two main parts: (1) an armpiece (223), which attaches to the **user's** arm, and (2) a handpiece (220), which rests in or in close proximity to... .. which are mounted on the armpiece (223) are accessed by the opposite hand of the **user**; the keys on the handpiece (220) are mounted in a manner which allows them to... .. or near which the handpiece (220) rests. The key palette can transmit keystroke information via **wireless** technology. The self-contained design decreases back, shoulder, neck, arm, and wrist stress, strain and discomfort associated with extended use by allowing the **user** almost unlimited mobility. An alternate embodiment (Fig. 38A) uses piano keys (381) in place of... .. Other alternate embodiments utilize various input/output devices. The device may be attached to the **user's** arm so that it can revolve, swivel and/or tilt.

...

### Claims:

mechanism configured to allow said terminal component to revolve around the axis described by a **user's** forearm along a prescribed path while the arm attachment mechanism remains stationery relative to the **user's** forearm so that the terminal component does not rub against the **user's** forearm while in motion.

11/3,K/34 (Item 29 from file: 350) [Links](#)

Derwent WPIX

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0006356109 *Drawing available*

WPI Acc no: 1993-154055/199319

Related WPI Acc No: 1989-194353; 1989-334075; 1990-125931; 1990-377703; 1991-045704; 1991-134348; 1991-334090; 1992-025911; 1992-042734; 1992-348664; 1992-383472; 1992-416944; 1992-433158; 1993-054083; 1993-153865; 1993-196338; 1993-207107; 1993-396698; 1993-396715; 1994-103022; 1994-111019; 1994-120022; 1994-145973; 1994-224564; 1994-281381; 1994-350941; 1995-005934; 1995-117150; 1995-139021; 1995-178230;

? show files

[File 15] **ABI/Inform(R)** 1971-2006/Nov 20  
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[File 9] **Business & Industry(R)** Jul/1994-2006/Nov 20  
(c) 2006 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2006/Nov 21  
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[File 621] **Gale Group New Prod.Annou.(R)** 1985-2006/Nov 20  
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[File 636] **Gale Group Newsletter DB(TM)** 1987-2006/Nov 21  
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[File 16] **Gale Group PROMT(R)** 1990-2006/Nov 21  
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[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2006/Nov 21  
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[File 610] **Business Wire** 1999-2006/Nov 21  
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*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

[File 476] **Financial Times Fulltext** 1982-2006/Nov 21  
(c) 2006 Financial Times Ltd. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2006/Nov 20  
(c) 2006 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2006/Nov 18  
(c) 2006 San Jose Mercury News. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2006/Nov 21  
(c) 2006 Dialog. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-2006/ 200646  
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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP*

NEWSIPCR.

[File 349] PCT FULLTEXT 1979-2006/UB=20061116UT=20061109

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

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; d s
Set      Items  Description
S1       96072  S ((UPC OR (UNIVERSAL OR UNIFORM) ()PRODUCT()CODE? ? OR PRODUCT? ?()CODE? ?
OR UNIFORM()CODE? ?) OR (BARCODE? ? OR BAR()CODE? ?) OR IPC OR SKU) (7N) (SCAN? OR READ?)
S2      11973480 S POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING??
OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD?? OR POCKETPC OR POCKET()PC OR
HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE?? OR PERSONAL??) ()DIGITAL()ASSISTANT? ?
OR PORTABLE()COMPUT???()DEVICE? ? OR CELLPHONE?? OR CELL()PHONE?? OR CELLULAR?? OR PHONE??
OR MOBILE?? OR WIRELESS OR TELEPHONE??
S3       245599 S (VOICE OR SPEECH OR SOUND) (3N) (PRINT? OR PATTERN? OR SIGNATURE? OR
CHARACTERISTIC? OR RECOGNITION? ?) OR BIOMETRIC OR BIO()METRIC? ?
S4       124195 S (BAND OR CODE? ?) (7N) (CONFIRM? OR VERIF? OR AUTHORIZ? OR AUTHORIS? OR
AUTHENTICAT? OR APPROV? OR VALID?)
S5      23665260 S (USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6       2040   S AU=(MAMDANI, M? OR MAMDANI M? OR GRANT, C? OR GRANT C? OR JOHNSON, P? OR
JOHNSON P? OR BOMAR, K? OR BOMAR K?)
S7       285    S S6 AND S2
S8       6      S S7 AND S1
S9      14380   S S1(3N)S2
S10      58     S S9(3N)S3
S11      0      S S10(3N) (S4:S5)
S12     32     RD S10 (unique items)
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?

3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01407552

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

**VERFAHREN UND SYSTEM ZUR ERLEICHTERUNG VON DRAHTLOSEN**

**E-KOMMERZ-TRANSAKTIONEN**

**PROCEDE ET SYSTEME FACILITANT DES TRANSACTIONS DE COMMERCE ELECTRONIQUE PAR  
VOIE HERTZIENNE**

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

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	Country	Number	Kind	Date	
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Patent	EP	1302028	A2	20030416	(Basic)
	EP	1302028	B1	20050921	
	WO	2002006992		20020124	
Application	EP	2001955833		20010712	
	WO	2001US22181		20010712	
Priorities	US	217997	P	20000713	
	US	690212		20001017	

**Designated States:**

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7):** H04L-012/28; H04L-029/06; G07F-007/00

**NOTE:** No A-document published by EPO

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200538	1265
CLAIMS B	(German)	200538	1105
CLAIMS B	(French)	200538	1593
SPEC B	(English)	200538	8693
Total Word Count (Document A) 0			
Total Word Count (Document B) 12656			
Total Word Count (All Documents) 12656			

**Specification: ...B1**

The disclosures herein relate generally to **mobile** electronic commerce, and more particularly to methods and systems for facilitation of **wireless** e-commerce transactions.

**Mobile** e-commerce is expected to grow at a tremendous rate. The sheer scale of the opportunity is impressive. The number of Internet-enabled **mobile** devices is expected to exceed the number of PCs by 2003. It is predicted that by 2004 the majority of e-commerce purchases will be made through **wireless** communication devices.

With the convergence of location information and **wireless** access to the Internet, users of **wireless** communication devices will be able to receive product offerings relevant to their location and interests ... a whole new method for targeting customers with advertising. A key area of interest in **wireless** e-commerce is the communication of targeted ads to the **wireless** devices. However, to take full advantage of **wireless** e-commerce, users will need to be in a position to act on such advertisements in a real time manner. This will require that transactions be made using a

32. The system of claim 30... ..management system (302) is coupled to a telecommunication network system for enabling communication with the **wireless** communication device (308).

34. The system of claim 33, wherein the transaction management system (302... ..of claims 29 to 32, wherein the transaction management system (302) is coupled to a **wireless** data network system for enabling communication with the **wireless** communication device (308).

36. The system of claim 35, wherein the transaction management system (302) is coupled to the **wireless** data network system through a computer network system.

37. The system of claim 35 or claim 36, wherein the **wireless** data network system includes a **wireless** local area network system.

38. The system of any one of claims 29 to 37... ..300) includes a code scanning device.

39. The system of claim 38, wherein the code **scanning** device includes a **bar code reader**.

40. The system of any one of claims 29 to 39, wherein the transaction fulfillment... ..any one of claims 29 to 40, wherein the transaction fulfillment system (300) and the **wireless** communication device (308) each include a radio transceiver for enabling communication directly between the **wireless** communication device (308) and the transaction fulfillment system (300).

42. The system of any one...

8/3K/2 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01186029

**ENVIRONMENTAL SENSOR**

**CAPTEUR ENVIRONNEMENTAL**

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	Country	Number	Kind	Date
Patent	WO	2004109238	A1	20041216
Application	WO	2004AU744		20040607
Priorities	AU	2003902836		20030606

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
 BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
 CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
 GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
 IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
 LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
 MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
 TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
 VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
 FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
 PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
 ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
 SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5366

**Detailed Description:**

...liquids.

There is a need for inexpensive, unobtrusive sensors that can be used in a **wireless** form in applications such as agriculture, horticulture and buildings. The sensors discussed above are not... ..mask programmed in at manufacture. This address should be displayed on each PMN as a **bar code** or some other machine **readable** code as well as having a numeric identifier for humans.

Timing synchronisation can be done...

8/3K/3 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00995709

**WEB-BASED DEMAND CHAIN MANAGEMENT SYSTEM AND METHOD**

SYSTEME ET PROCEDE DE GESTION DE CHAINES BASES SUR LA DEMANDE SUR LE WEB

**Patent Applicant/Patent Assignee:**

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	Country	Number	Kind	Date
Patent	WO	200325705	A2	20030327
Application	WO	2002US29545		20020918
Priorities	US	2001954206		20010918

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT;  
SE; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 7627

### Detailed Description:

...Office servers 101, 102 through a private WAN or an Internet connection: store client 106, **mobile** client 107, and/or **handheld** scanner 108.

[00040] Figure 2 shows a representation of the ASP implementation model for a...Internet. Each store may have one or more of the following: hardware store client 106, **mobile** client 107, and/or **handheld** scanner 108.

[00043] Figure 3 shows a local store implementation model for a retailer that...location. Each store may have one or more of the following hardware: store client 106, **mobile** client 107 or GOT (graphical order terminal) and **handheld** scanners 108. This hardware will be connected to the servers 101, 102 and I 1...e-demand application. A desktop client 106 is optional at the store location if a **mobile** client 107 is in use.

[00050] Figure 4 also illustrates external systems that send or... etc. These data transmissions will come to the servers through a gateway processor.

[00051] The **handheld** scanner 108 allows for perpetual inventory during the receiving process. The **handheld** scanner 108 connects to the servers 101, 102 through a RF access point and on... single store model.

[00054] A client 500 (which could be a store desktop 106, a **mobile** client 107, or a

1 1

preferred embodiment. The client 500 uses HTML applets 501...for Ordering screen 621 is accessible from both ordering processes.

It allows the user to **scan** in the **UPC** of the item they wish to order.

[00094] Master Maintenance Submenu screen 622 is a...best) order.

10001131 Operational Functions 639 supported by the system include, for example.

[000114] \* Scanning (**mobile** client)

[000115] \* Transmit Order (modem-to-modem)

[000116] \* Transmit Order (Excel spreadsheets)

1 7

[000117]...

### Claims:

...a desktop client.

9 The system of claim 1, wherein the store client includes a **mobile** client.

10 The system of claim 1, wherein the store client includes a **handheld** client.

11 The system of claim 1, wherein the store client communicates with the application...a desktop client.

23 The method of claim 15, wherein the store client includes a **mobile** client.  
 26. The method of claim 15, wherein the database includes store-level historical sales...claim 27, wherein the store client receives point of sale information.27desktop client, a **mobile** client, and a **handheld** client.  
 31 The system of claim 27, wherein the store client communicates with the application... claim 33, wherein the store client receives point of sale information.  
 28desktop client, a **mobile** client, and a **handheld** client.  
 37 The method of claim 33, wherein the store client communicates with the application...39, wherein the means for receiving receives point of sale information.  
 29desktop client, a **mobile** client, and a **handheld** client.  
 43 The ...claim 45, wherein the store client includes at least one of a desktop client, a **mobile** client, and a **handheld** client.  
 30application over at least one of the Internet, a LAN, and a WAN...

8/3K/4 (Item 3 from file: 349) Links

PCT FULLTEXT

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00872976

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

PROCEDE ET SYSTEME POUR FACILITER LES TRANSACTIONS SANS FIL DE COMMERCE

ELECTRONIQUE

METHOD AND SYSTEM FOR FACILITATION OF **WIRELESS** E-COMMERCE TRANSACTIONS

**Patent Applicant/Patent Assignee:**

- **AERITAS INC;** 1231 Greenway Dr., Suite #900, Irving, TX 75038  
 US; US(Residence); US(Nationality)

**Legal Representative:**

- **GALASSO Raymond M(agent)**  
 Simon, Galasso & Frantz PLC, P.O. Box 26503, Austin, TX 78755-0503; US;

	Country	Number	Kind	Date
Patent	WO	200207117	A2-A3	20020124
Application	WO	2001US22048		20010712
Priorities	US	2000217997		20000713
	US	2000690213		20001017

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10450

#### **English Abstract:**

A method for facilitating a **wireless** transaction includes communicating a transaction request from a **wireless** communication device to a transaction apparatus and communicating a spoken authentication code from the **wireless** communication device to the transaction apparatus. After the spoken authentication code is authenticated, a transaction code is received by the **wireless** communication device. After receiving the transaction code, the transaction code is displayed on and optically scanned from a visual display of the **wireless** communication device.

#### **Detailed Description:**

##### **METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

##### **Cross Reference To Related Applications**

This application claims the benefit of United... ..Patent Application

Serial No. 60/2179997 filed July 13, 2000 entitled "MIDCED-MODE

ENTITRATION/**MOBILE PHONE BAR CODE ET AL,**" of common assignee herewith.

##### **Background**

The disclosures herein relate generally to **mobile** electronic commerce, and more particularly to methods and systems for facilitation of **wireless** e-commerce transactions.

**Mobile** e-commerce is expected to grow at a tremendous rate. The sheer scale of the opportunity is impressive. The number of Internet-enabled **mobile** devices is expected to exceed the number of PCs by 2003. It is predicted that by 2004 the majority of ecommerce purchases will be made through **wireless** communication devices.

With the convergence of location information and **wireless** access to the Internet, users of **wireless** communication devices will be able to receive product offerings relevant to their location and interests... ..a whole new method for targeting customers with advertising. A key area of interest in **wireless** e-commerce is the communication of targeted ads to the **wireless** devices. However, to take full advantage of **wireless** e-commerce, users will need to be in a position to act on such advertisements in a real time manner. This will require that transactions to be made using a **wireless** communication device in concert with receiving an advertisement for a product or service.

There are several barriers, however, that must be overcome to make such **wireless** e-commerce transactions



system.34. A method for facilitating a **wireless** transaction, comprising:communicating a transaction request from a **wireless** communication device to atransaction apparatus;communicating a spoken authentication code from the **wireless** communication deviceto the transaction apparatus;authenticating the spoken authentication code;receiving, by the **wireless** communication device, a transaction code afterauthenticating the spoken authentication code;displaying the transaction code on a visual display of the **wireless** communicationdevice; andoptically scanning the transaction code from the visual display of the **wireless** communication device.35

8/3K/5 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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00872920

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**  
**PROCEDE ET SYSTEME FACILITANT DES TRANSACTIONS DE COMMERCE ELECTRONIQUE PAR**  
**VOIE HERTZIENNE**

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

**Patent Applicant/Patent Assignee:**

- **AERITAS INC**; 1231 Greenway Dr., Suite #900, Irving, TX 75038  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **GALASSO Raymond M(agent)**  
Simon, Galasso & Frantz PLC, P.O. Box 26503, Austin, TX 78755-0503; US;

	Country	Number	Kind	Date
Patent	WO	200207046	A2-A3	20020124
Application	WO	2001US22233		20010712
Priorities	US	2000217997		20000713
	US	2000690601		20001017

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;

UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 10280

#### English Abstract:

A method for facilitating a **wireless** transaction includes receiving, by a transaction fulfillment system, a transaction request from a transaction requester... the transaction requester, a transaction code is communicated from the transaction fulfillment system to a **wireless** communication device. After receiving the transaction code, the transaction code is optically scanned from a visual display of the **wireless** communication device by the transaction fulfillment system.

#### Detailed Description:

##### METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E COMMERCE TRANSACTIONS

##### Cross Reference To Related Applications

This application claims the benefit of United... Serial No. 60/217,997 filed July 13, 2000 entitled "MIXED-MODE E\*@@ACTION/MOBILE PHONE BAR CODE ET AL," of coram on assignee herewith.

##### Background

The disclosures herein relate generally to **mobile** electronic commerce, and more particularly to methods and systems for facilitation of wireless e-commerce transactions.

**Mobile** e-commerce is expected to grow at a tremendous rate. The sheer scale of the opportunity is impressive. The number of Internet-enabled **mobile** devices is expected to exceed the number of PCs by 2003. It is predicted that by 2004 the majority of e-commerce purchases will be made through **wireless** communication devices.

With the convergence of location information and **wireless** access to the Internet, users of **wireless** communication devices will be able to receive product offerings relevant to their location and interests... a whole new method for targeting customers with advertising. A key area of interest in **wireless** e-commerce is the communication of targeted ads to the **wireless** devices. However, to take full advantage of **wireless** e-commerce, users will need to be in a position to act on such advertisements in a real time manner. This will require that transactions be made using a **wireless** communication device in concert with receiving an advertisement for a product or service.

There are several barriers, however, that must be overcome to make such **wireless** e-commerce transactions commonplace. One such barrier to **wireless**

1

transactions being widely accepted is security. For **wireless** transactions to be embraced, systems must be in place for preventing unauthorized purchases on a user's **wireless** account. Such security measures are even more important in the case of a **wireless** communication device, due to situations such as the **wireless** communication device being

and optically scanning the transaction code from a visual display of the **wireless** communication device.

24 The system of claim 23 wherein the transaction fulfillment system is coupled to a telecommunication network system for enabling communication with the **wireless** communication device.

25 The system of claim 24 wherein the transaction fulfillment system is coupled... 26 The system of claim 23 wherein the transaction fulfillment system is coupled to a **wireless** data network system for enabling communication with the **wireless** communication device.

32. The system of claim 26 wherein the transaction management system is coupled to the **wireless** data network system through a computer network system.

28 The system of claim 27 wherein the **wireless** data network system includes a **wireless** local area network system.

29 The system of claim 23, further comprising:

a transaction management... wherein the speech services module is capable of receiving a spoken authentication code from the **wireless** communication device and authenticating the spoken authentication code.

32 The system of claim 31 wherein... transaction code.

34 The system of claim 33 wherein the code scanning device includes a **bar code reader**.

33. The system of claim 23 wherein the transaction fulfillment system is capable of decoding... transaction code.

36 The system of claim 23 wherein the transaction fulfillment system and the **wireless** communication device each include a radio transceiver for enabling communication directly between the **wireless** communication device and the transaction fulfillment system.

37 A system for facilitating a **wireless** transaction, comprising:

a transaction apparatus capable of communicating a transaction code to a **wireless** communication device; and optically scanning the transaction code from a visual display of the **wireless** communication device.

38 A system for facilitating a **wireless** transaction, comprising:

a transaction fulfillment system capable of receiving a transaction request from a **wireless** communication device; optically scanning, by a transaction fulfillment system, a transaction code from a visual display of the **wireless** communication device; and enabling fulfillment of the transaction request in response to scanning the transaction...

8/3K/6 (Item 5 from file: 349) [Links](#)

PCT FULLTEXT

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00872879

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

PROCEDE ET SYSTEME FACILITANT DES TRANSACTIONS DE COMMERCE ELECTRONIQUE PAR VOIE HERTZIENNE

**METHOD AND SYSTEM FOR FACILITATION OF WIRELESS E-COMMERCE TRANSACTIONS**

**Patent Applicant/Patent Assignee:**

- **AERITAS INC (formerly IMPULSITY INC )**; 1231 Greenway Dr., Suite #900, Irving, TX 75038

US; US(Residence); US(Nationality)

**Legal Representative:**

• **GALASSO Raymond M(agent)**

Simon, Galasso & Frantz PLC, P.O. Box 26503, Austin, TX 78755-0503; US;

	Country	Number	Kind	Date
Patent	WO	200206992	A2-A3	20020124
Application	WO	2001US22181		20010712
Priorities	US	2000217997		20000713
	US	2000690212		20001017

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: English  
Fulltext word count: 10657

**English Abstract:**

A method for facilitating a **wireless** transaction includes receiving, by a transaction management system, a transaction request and a spoken authentication... ..spoken authentication code, a transaction code is communicated from the transaction management system to a **wireless** communication device. The transaction code is then optically scanned from a visual display of the **wireless** communication device.

**Detailed Description:**

METHOD AND SYSTEM FOR FACILITATION OF **WIRELESS** E-COMMERCE  
TRANSACTIONS

Cross Reference To Related Ap@fications

This application claims the benefit of... ..Provisional Patent Application

Serial No. 601217,997 filed July 13, 2000 entitled "MDMD-MODE

INTERACTIONIMOBILE **PHONE** BAR CODE ET AL," of cornmon assignee herewith.

? t /3,k/all

12/3,K/1 (Item 1 from file: 15) [Links](#)

ABI/Inform(R)

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02781146 637485711

**Leading by example**

Averett, Steven

Industrial Engineer v36n5 pp: 36

May 2004

ISSN: 1542-894X **Journal Code: INE**

**Word Count: 1042**

**Text:**

...and refreshable Braille technology make it possible for the blind to work with electronic text. **Wireless bar code readers** modified to use **speech recognition** and auditory feedback allow blind workers to ship, receive, pick, and pack in distribution centers...

12/3,K/2 (Item 1 from file: 275) [Links](#)

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03113811 **Supplier Number: 141639891 (Use Format 7 Or 9 For FULL TEXT )**

**People in Wireless News: Genesta Strengthens Management Team.(Scott Medford appointed)(Brief Article)**

Wireless News , NA

Feb 2 , 2006

**Document Type: Brief Article**

**Language: English Record Type: Fulltext**

**Word Count: 181 Line Count: 00019**

...to enable market growth. Medford is a veteran of the AIDC industry, including expertise in **wireless** networking, **barcode scanning**, and **speech recognition**. Active in global associations, he served on the board of directors of AIM Global and...

12/3,K/3 (Item 2 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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03026077 **Supplier Number: 74489979 (Use Format 7 Or 9 For FULL TEXT )**

**Unipower launches new version of Retail software.(Brief Article)(Product Announcement)**

Telecomworldwire , NA

May 14 , 2001

**Document Type:** Brief Article Product Announcement

ISSN: 1363-9900

**Language:** English **Record Type:** Fulltext

**Word Count:** 153 **Line Count:** 00016

...version offers a multi-channel architecture, enabling seamless integration of such devices as a PC, **personal digital assistant, phone/voice recognition, barcode scanner** or in-store kiosk. Another new feature allows consumers to 'shop' offline - the shopper can...

12/3,K/4 (Item 1 from file: 621) [Links](#)

Gale Group New Prod. Annou.(R)

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04805238 **Supplier Number:** 153994220 (USE FORMAT 7 FOR FULLTEXT)

**MCL Technologies Expands Offering to Support Symbol's New WT4000 Wearable Terminals.**

PR Newswire , p NA

Nov 7 , 2006

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 555

...the latest technologies with mobile computer, multi-manufacturer, cross-platform compatibility. Through the integration of **mobile computing, wireless infrastructures, barcode printing, and data capture technologies like barcode scanners, RFID, and voice recognition**, MCL-Collection helps organizations deploy mission critical and on-demand multimodal applications to improve workforce ...

12/3,K/5 (Item 2 from file: 621) [Links](#)

Gale Group New Prod. Annou.(R)

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04803223 **Supplier Number:** 154012377 (USE FORMAT 7 FOR FULLTEXT)

**Genesta Partner Scott Medford Inducted Into AIDC 100.**

Business Wire , p NA

Oct 19 , 2006

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 349

...included with them."

Medford has a long history in the AIDC industry, including expertise in **wireless** networking, **barcode scanning**, and **speech recognition**. Active in global associations, he served on the board of directors of AIM Global and...

12/3,K/6 (Item 3 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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04699684 **Supplier Number: 148265731 (USE FORMAT 7 FOR FULLTEXT)**

**BLM Technologies To Distribute OnProducts' KeyMax CheckScan 1; Technology Allows User to Swipe, Scan, Read and Process in One Step.**

Business Wire , p NA

July 17 , 2006

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 502

...reader provides scanning of a wide variety of cards and documents including credit and EFTPOS. **Biometric** ID recognition **scanning**, optical character recognition, and **handheld barcode scanners** are also available.

About BLM Technologies, Inc.

Headquartered in Minneapolis, BLM Technologies is a single...

12/3,K/7 (Item 4 from file: 621) [Links](#)

Gale Group New Prod.Annou.(R)

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04516292 **Supplier Number: 141531169 (USE FORMAT 7 FOR FULLTEXT)**

**Genesta Strengthens Management Team, Builds Lead In RFID, Speech Recognition Integration; Scott Medford, Former VP RFID at Intermec, Joins Genesta as Partner.**

Business Wire , p NA

Feb 1 , 2006

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 487

...to enable market growth. Medford is a veteran of the AIDC industry including expertise in **wireless** networking, **barcode scanning**, and **speech recognition**, all combining to

deliver real-world solutions to targeted markets. Active in global associations, Medford...

12/3,K/8 (Item 5 from file: 621) [Links](#)

Gale Group New Prod. Annou.(R)

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03889966 **Supplier Number: 127154221 (USE FORMAT 7 FOR FULLTEXT)**

**Hand Held Products Announces Upgradeable Transaction Terminal for Retailers; Feature laden TT8500 POS terminal debuts at NRF.**

Business Wire , p NA

Jan 17 , 2005

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 535

...host provides retailers expanded functionality at the POS through the addition of peripherals including a **biometric reader** or a **handheld bar code reader**. Other options available for mid-to-high performance scaling of each terminal include additional memory...

12/3,K/9 (Item 6 from file: 621) [Links](#)

Gale Group New Prod. Annou.(R)

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03100713 **Supplier Number: 82252944 (USE FORMAT 7 FOR FULLTEXT)**

**Revolutionary Electronic Product Code, Enterprise Resource Planning And The Future of Retail Technology on Display at 2002 MARKETECHNICS(R).**

PR Newswire , p DCM04928012002

Jan 28 , 2002

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 408

**(USE FORMAT 7 FOR FULLTEXT)**

**Text:**

SAN DIEGO -- Radio frequency and the electronic **product code**, **biometric** identification, **wireless** Web shopping, **self-scanning**, Internet supermarkets and other technology-driven retail solutions will highlight the 2002 MARKETECHNICS(R) convention...

12/3,K/10 (Item 1 from file: 636) [Links](#)

Gale Group Newsletter DB(TM)

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04982819 **Supplier Number: 74489844 (USE FORMAT 7 FOR FULLTEXT)**



**Unipower extend retail multi-channel functionality with the launch of Retail.**

M2 Presswire , p NA

May 14 , 2001

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 785

...enabling seamless integration of devices such as a PC (either at home or at work), **PDA**, **phone/voice recognition**, **barcode scanner** or in-store kiosk. The Retail 5 provides for easy integration with external data sources...

12/3,K/11 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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10123421 **Supplier Number:** 91304504 (USE FORMAT 7 FOR FULLTEXT)

**Find your solution. (2002 Show Preview).**

Frontline Solutions , v 3 , n 8 , p 40

August , 2002

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal ; Professional

**Word Count:** 3691

...or Visual Studio .NET and LINX drivers permit the VII and VIII to interface to **bar code**, digital I/O, **wireless LAN**, proximity **readers** and **biometric** devices.

The LINX Evolution product is a suite of XML-based Windows services that provide...

12/3,K/12 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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0019915698 **Supplier Number:** 74516206 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Unipower launches new version of Retail software.(Unipower Solutions Europe's Retail 5.0)(Brief Article)**

Worldwide Computer Products News , NA

May 14 , 2001

**Document Type:** Brief Article

ISSN: 1363-9889

**Language:** English

**Record Type:** Fulltext

**Word Count: 156   Line Count: 00016**

...version offers a multi-channel architecture, enabling seamless integration of such devices as a PC, **personal digital assistant, phone/voice recognition, barcode scanner** or in-store kiosk. Another new feature allows consumers to 'shop' offline - the shopper can...

12/3,K/13 (Item 2 from file: 148) [Links](#)

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0017237815   **Supplier Number: 116673432 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**Leading by example.(Engineers Who Make a Difference)**

Averett, Steven

Industrial Engineer , 36 , 5 , 36(2)

May , 2004

ISSN: 1542-894X

**Language:** English

**Record Type:** Fulltext

**Word Count: 1063   Line Count: 00087**

...and refreshable Braille technology make it possible for the blind to work with electronic text. **Wireless bar code readers** modified to use **speech recognition** and auditory feedback allow blind workers to ship, receive, pick, and pack in distribution centers...

12/3,K/14 (Item 3 from file: 148) [Links](#)

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16173250   **Supplier Number: 107123319 (USE FORMAT 7 OR 9 FOR FULL TEXT )**

**It's about time(keeping)! The ins and outs of time and attendance software.**

Burger, Patrice Sutton

Government Finance Review , 19 , 4 , 33(6)

August , 2003

ISSN: 0883-7856

**Language:** English

**Record Type:** Fulltext

**Word Count: 2839   Line Count: 00252**

...need to be able to enter their time from a personal data assistant or a **barcode scanner? Biometric** devices, badge readers, telephone/IVR, proximity readers, and laser scanners are other methods of time entry.

\* What functionality, beyond...

12/3,K/15 (Item 4 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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12163646 **Supplier Number:** 62201511 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**New Technology.(Brief Article)**

Logistics Management Distribution Report , 39 , 5 , 89

May 1 , 2000

**Document Type:** Brief Article

**Language:** English

**Record Type:** Fulltext

**Word Count:** 373 **Line Count:** 00036

...wireless standard to give workers the full power of enterprise-wide applications.

With its laser **bar-code scanner, wireless** radio, **signature** capture features, **voice** capability, and optional Mag Swipe Reader, the Teklogix 7510 is suited to warehouse and logistics...

12/3,K/16 (Item 5 from file: 148) [Links](#)

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09816282 **Supplier Number:** 19927945 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Personalized information management: it's almost here. (information management systems in nursing homes)**

Patterson, David

Nursing Homes , v46 , n8 , p62(2)

Sep , 1997

ISSN: 1061-4753

**Language:** English

**Record Type:** Fulltext

**Word Count:** 1751 **Line Count:** 00137

\* Touch pads

- \* **Bar-code scanners**
- \* **Palm tops**
- \* Digital cameras
- \* **Voice recognition**
- \* All of the above
- \* None of the above

Answer: Maybe.

Pick any of the above...

12/3,K/17 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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46960598 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**People in Wireless News: Genesta Strengthens Management Team**

WIRELESS NEWS

February 02, 2006

**Journal Code:** WIRN **Language:** English **Record Type:** FULLTEXT

**Word Count:** 167

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...to enable market growth. Medford is a veteran of the AIDC industry, including expertise in **wireless** networking, **barcode scanning**, and **speech recognition**. Active in global associations, he served on the board of directors of AIM Global and...

12/3,K/18 (Item 2 from file: 20) [Links](#)

Dialog Global Reporter

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16673276

**Unipower launches new version of Retail software**

WORLDWIDE COMPUTER PRODUCT NEWS

May 14, 2001

**Journal Code:** WWCP **Language:** English **Record Type:** FULLTEXT

**Word Count:** 132

...version offers a multi-channel architecture, enabling seamless integration of such devices as a PC, **personal digital assistant**, **phone/voice recognition**, **barcode scanner** or in-store kiosk. Another new feature allows consumers to 'shop' offline - the shopper can...

12/3,K/19 (Item 3 from file: 20) [Links](#)

Dialog Global Reporter

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16656440 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**UNIPOWER: Unipower extend retail multi channel functionality with the launch of Retail**

M2 PRESSWIRE

May 14, 2001

**Journal Code:** WMPR **Language:** English **Record Type:** FULLTEXT

**Word Count:** 705

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...enabling seamless integration of devices such as a PC (either at home or at work), PDA, phone/voice recognition, barcode scanner or in-store kiosk. The Retail 5 provides for easy integration with external data sources...

12/3K/20 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01425223

**MULTI-HEAD POINT OF SALE TERMINAL**

**BORNE DE POINT DE VENTE A TETES MULTIPLES**

**Patent Applicant/Patent Assignee:**

- **HYPERCOM CORPORATION**; 2851 West Kathleen Road, Phoenix, Arizona 85053  
US; US (Residence); US (Nationality)  
(For all designated states except: US)
- **HENRY Chris**; 2851 West Kathleen Road, Phoenix, Arizona 85053  
US; US (Residence); AU (Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

- **HENRY Chris**  
2851 West Kathleen Road, Phoenix, Arizona 85053; US; US (Residence); AU (Nationality); (Designated only for: US)

**Legal Representative:**

- **CAPLAN David O(agent)**  
Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, Arizona 85004-2202; US;

	Country	Number	Kind	Date
Patent	WO	2006107973	A2	20061012
Application	WO	2006US12514		20060405
Priorities	US	2005100060		20050406

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 4874

#### **Detailed Description:**

...contactless transaction instrument readers, radio frequency readers, infrared and wireless communications devices, supplemental magnetic stripe **readers**, PIN keypads, **bar code scanners**, printers, modems, **telephone** handsets, **biometric scanners**, voice command input devices and the like. Similarly, any peripheral device or capability now known...

12/3K/21 (Item 2 from file: 349) [Links](#)

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01341785

**CONTEXT SENSITIVE STREAMING SYSTEM APPLICATIONS**

**APPLICATIONS DE SYSTÈME DE TRANSMISSION EN CONTINU SENSIBLE AU CONTEXTE**

**Patent Applicant/Patent Assignee:**

- **STREAM ENGINEERING CORPORATION**; 3770 Keystone Avenue, #410, Los Angeles, CA 90034  
US; US (Residence); US (Nationality)  
(For all designated states except: US)
- **MICHAEL Panayiotis Adamos**; 3770 Keystone Avenue, Los Angeles, CA 90034  
US; US (Residence); CY (Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

- **MICHAEL Panayiotis Adamos**  
3770 Keystone Avenue, Los Angeles, CA 90034; US; US (Residence); CY (Nationality); (Designated only for: US)

**Legal Representative:**

- **HARRIS Scott C(agent)**  
Fish & Richardson, P.C., 12390 El Camino Real, San Diego, CA 92130; US;

	Country	Number	Kind	Date
Patent	WO	200623775	A2	20060302
Application	WO	2005US29631		20050818
Priorities	US	2004602910		20040818
	US	2005207188		20050817

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK;  
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN;  
MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;  
PH; PL; PT; RO; RU; SC; SD; SE; SG; SK;  
SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;  
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 13301

**Detailed Description:**

...a scannable  
card, or the like. The personalization may alternatively be  
input from a mouse, **biometric scanner** or **barcode reader**.

[0031] The **mobile** unit 150 may operate in a personalized mode  
in which personalization information 156 is stored...

12/3K/22 (Item 3 from file: 349) [Links](#)

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01340092

**SYSTEM AND METHOD FOR MANAGING REMOTELY LOCATED ASSET**  
**SYSTEME ET PROCEDE POUR LA GESTION D'ACTIFS A DISTANCE**

**Patent Applicant/Patent Assignee:**

- **ID SYSTEMS INC**; One University Plaza, Hackensack, NJ 07601  
US; US (Residence); US (Nationality)  
(For all designated states except: US)
- **EHRMAN Kenneth S**; 220 East 67th Street, Ph. B, New York, NY 10021  
US; US (Residence); US (Nationality)  
(Designated only for: US)
- **EHRMAN Michael L**; 18 West 87th Street, Apt. 2B, New York, NY 10024  
US; US (Residence); US (Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**



- **EHRMAN Kenneth S**  
220 East 67th Street, Ph. B, New York, NY 10021; US; US (Residence); US (Nationality); (Designated only for: US)
- **EHRMAN Michael L**  
18 West 87th Street, Apt. 2B, New York, NY 10024; US; US (Residence); US (Nationality); (Designated only for: US)

**Legal Representative:**

- **ANDRE M Szuwalski(agent)**  
1445 Ross Avenue, Suite 3200, Dallas, TX 75202; US;

	Country	Number	Kind	Date
Patent	WO	200622609	A1	20060302
Application	WO	2004US11263		20040427
Priorities	US	2003426173		20030428

12/3K/23 (Item 4 from file: 349) [Links](#)

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01283759

**CUSTOM DATABASE SYSTEM AND METHOD OF BUILDING THE SAME**

SYSTEME DE BASE DE DONNEES PERSONNALISEE ET PROCEDE PERMETTANT DE CONSTRUIRE LEDIT SYSTEME

**Patent Applicant/Inventor:**

- **POMPONIO Mark**  
11901 Fourth Street North, Apartment 909, St. Petersburg, FL 33716-1720; US; US(Residence); US(Nationality);

**Legal Representative:**

- **GOLDSTEIN Avery N(et al)(agent)**  
Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., P.O. Box 7021, Troy, MI 48007-7021; US;

	Country	Number	Kind	Date
Patent	WO	200589350	A2	20050929
Application	WO	2005US8670		20050316
Priorities	US	2004553131		20040316
	US	2004605352		20040827
	US	200580072		20050315

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SM;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: English  
Fulltext word count: 6612

**Detailed Description:**

...into a particular data field. It is appreciated that in addition to keystroke data entry, **voice recognition**, **barcode scanner**, and **cellular telephone** signals are also suitable forms of data input. In instances where an existing or as...

12/3K/24 (Item 5 from file: 349) [Links](#)

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01196924

**CONTEXT SENSITIVE STREAMING SYSTEM AND METHOD**

SYSTEME ET PROCEDE DE TRANSMISSION EN CONTINU SENSIBLE AU CONTEXTE

**Patent Applicant/Patent Assignee:**

- **STREAM ENGINEERING CORPORATION**; 3770 Keystone Avenue, #410, Los Angeles, CA 90034  
US; US(Residence); US(Nationality)

Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250; US;

	Country	Number	Kind	Date
Patent	WO	2004111959	A2-A3	20041223
Application	WO	2004US18531		20040609
Priorities	US	2003460822		20030611

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 26914

#### **Detailed Description:**

...button panels, display screens, speakers, information panels, motors, mass storage devices, reels, wheels, bonus devices, **wireless** communication devices, **bar-code readers**, microphones, **biometric** input devices, touch screens and solenoids. Further, one or more of the USB gaming peripherals...

#### **Claims:**

...display screens, speakers, information panels, motors, mass storage devices, reels, wheels, bonus devices, **wireless** communication devices, **bar-code readers**,  
62microphones, **biometric** input devices, touch screens, arcade stick, thumbsticks, trackballs, touchpads and

solenoids.

46 The gaming machine ...

12/3K/28 (Item 9 from file: 349) [Links](#)

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01189669

**SYSTEM AND METHOD FOR MANAGING A REMOTELY LOCATED ASSET**

**SYSTEME ET PROCEDE DE GESTION D'UN BIEN SITUE A DISTANCE**

**Patent Applicant/Patent Assignee:**

- **I D SYSTEMS INC**; One University Plaza, Hackensack, NJ 07601  
US; US(Residence); US(Nationality)  
(For all designated states except: US)
- **EHRMAN Kenneth S**; 220 East 67th Street, Ph. B., New York, NY 10021  
US; US(Residence); US(Nationality)  
(Designated only for: US)
- **EHRMAN Michael L**; 18 West 87th Street, Apt. 2B, New York, NY 10024  
US; US(Residence); US(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

- **EHRMAN Kenneth S**  
220 East 67th Street, Ph. B., New York, NY 10021; US; US(Residence); US(Nationality); (Designated only for: US)
- **EHRMAN Michael L**  
18 West 87th Street, Apt. 2B, New York, NY 10024; US; US(Residence); US(Nationality); (Designated only for: US)

**Legal Representative:**

- **SZUWALSKI Andre M(agent)**  
1445 Ross Avenue, Suite 3200, Dallas, TX 75202; US;

	Country	Number	Kind	Date
Patent	WO	2004112403	A2-A3	20041223
Application	WO	2004US13039		20040428
Priorities	US	2003426173		20030428

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 32272

#### **Detailed Description:**

...of a variety of input devices, including, but not limited to, a keypad 332, card **reader**, memory chip **reader**, **barcode scanner**, **wireless receiver**, and **biometric scanner**. It should be understood that a password may also be received depending upon the business...

CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VC;

VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: English  
Fulltext word count: 12215

**Detailed Description:**

...a scannable  
card, or the like. The personalization may alternatively be  
input from a mouse, **biometric scanner** or **barcode reader**.

[00301 The **mobile** unit 150 may operate in a personalized mode  
in which personalization information 156 is stored...

12/3K/29 (Item 10 from file: 349) [Links](#)

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01031149

**ROBUST WIRELESS COMMUNICATIONS SYSTEM ARCHITECTURE AND ASSET MANAGEMENT  
APPLICATION PERFORMED THEREON**

ARCHITECTURE ET SYSTEME DE COMMUNICATIONS SANS FIL ROBUSTES DANS LESQUELS SONT  
MISES EN OEUVRE DES APPLICATIONS DE GESTION D'ACTIFS

**Patent Applicant/Patent Assignee:**

- **I D SYSTEMS INC**; One University Plaza, Hackensack, NJ 07601  
US; US(Residence); US(Nationality)

12/3K/30 (Item 11 from file: 349) [Links](#)

PCT FULLTEXT

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00881391

**CALLED PARTY BILLING**

# SYSTEME ET PROCEDE DE FACTURATION D'UN APPEL TELEPHONIQUE A L'ARRIVEE

## Patent Applicant/Patent Assignee:

- **EVERCOM SYSTEMS INC**; 8201 Tristar Drive, Irving, TX 75063  
US; US(Residence); US(Nationality)

## Legal Representative:

- **MORNEAULT Monique A(et al)(agent)**  
Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606; -6630; US

	Country	Number	Kind	Date
Patent	WO	200215552	A2-A3	20020221
Application	WO	2001US41744		20010816
Priorities	US	2000640831		20000817

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5058

## Detailed Description:

...prompting and collecting. Account information may also be entered with a magnetic swipe card and **telephone** swiper (**reader**) combination, a **bar code scanner** connected to the **telephone**, or an automated **biometric** reading device, such as "Iris Scanning," finger or palm imaging, or the like. Alternatively, the...

PCT FULLTEXT

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00805494

**HEALTH MANAGEMENT SYSTEM WITH CONNECTION TO REMOTE COMPUTER SYSTEM**  
**SYSTEME DE GESTION SANITAIRE RELIE A UN SYSTEME ORDINATEUR DISTANT**

**Patent Applicant/Patent Assignee:**

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**Legal Representative:**

- **WATHEN Douglas L(et al)(agent)**  
Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, 280 N. Old Woodward Ave., Suite 400,  
Birmingham, MI 48009; US;

	Country	Number	Kind	Date
Patent	WO	200139089	A1	20010531
Application	WO	2000US32331		20001124
Priorities	US	99167276		19991124
	US	2000177011		20000119
	US	2000177009		20000119
	US	2000177016		20000119
	US	2000178979		20000128
	US	2000194126		20000403
	US	2000195779		20000410
	US	2000200428		20000428
	US	2000201902		20000504
	US	2000207051		20000525
	US	2000207089		20000525
	US	2000209921		20000607
	US	2000721382		20001122

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;



UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 14196

**Detailed Description:**

...other portable computing devices can be used. The user may also input data into the **PDA** using a stylus, **bar-code reader**, finger motion detector, **voice recognition** method, track ball, or any other convenient input method. The PDA has a data transmission...

12/3K/32 (Item 13 from file: 349) [Links](#)

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00774453

**SYSTEMS AND METHODS FOR THE COMPLETION OF TRANSACTIONS**

**SYSTEMES ET PROCEDES D'ACHEVEMENT DE TRANSACTIONS**

**Patent Applicant/Patent Assignee:**

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US; US(Residence); US(Nationality)

**Legal Representative:**

- **PHAM Chinh H(et al)(agent)**  
Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109; US;

	Country	Number	Kind	Date
Patent	WO	200107987	A2-A3	20010201
Application	WO	2000US20450		20000727
Priorities	US	99145835		19990727

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;

GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 9366

**Claims:**

...includes one of: a computing device, a personal digital assistant (PDA), a wireless transmitter, a **wireless** receiver, a **bar code scanner**, a **voice recognition** system, a fingerprint recognition system, a magnetic card reader, a smart card reader, a numerical...